

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $21 + 2 + 2 =$   | 25              | $21 + (2 + 2) =$   | 25            |  |
|    | $21 + 2 - 2 =$   | 21              | $21 + (2 - 2) =$   | 21            |  |
|    | $21 - 2 + 2 =$   | 21              | $21 - (2 + 2) =$   | 17            |  |
|    | $21 - 2 - 2 =$   | 17              | $21 - (2 - 2) =$   | 21            |  |
| b) | $15 + 12 + 3 =$  | 30              | $15 + (12 + 3) =$  | 30            |  |
|    | $15 + 12 - 3 =$  | 24              | $15 + (12 - 3) =$  | 24            |  |
|    | $15 - 12 + 3 =$  | 6               | $15 - (12 + 3) =$  | 0             |  |
|    | $15 - 12 - 3 =$  | 0               | $15 - (12 - 3) =$  | 6             |  |
| c) | $31 + 17 + 3 =$  | 51              | $31 + (17 + 3) =$  | 51            |  |
|    | $31 + 17 - 3 =$  | 45              | $31 + (17 - 3) =$  | 45            |  |
|    | $31 - 17 + 3 =$  | 17              | $31 - (17 + 3) =$  | 11            |  |
|    | $31 - 17 - 3 =$  | 11              | $31 - (17 - 3) =$  | 17            |  |
| d) | $32 + 10 + 10 =$ | 52              | $32 + (10 + 10) =$ | 52            |  |
|    | $32 + 10 - 10 =$ | 32              | $32 + (10 - 10) =$ | 32            |  |
|    | $32 - 10 + 10 =$ | 32              | $32 - (10 + 10) =$ | 12            |  |
|    | $32 - 10 - 10 =$ | 12              | $32 - (10 - 10) =$ | 32            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $27 + 4 + 4 =$  | 35 | $27 + (4 + 4) =$  | 35 |
|    | $27 + 4 - 4 =$  | 27 | $27 + (4 - 4) =$  | 27 |
|    | $27 - 4 - 4 =$  | 19 | $27 - (4 - 4) =$  | 27 |
|    | $27 - 4 + 4 =$  | 27 | $27 - (4 + 4) =$  | 19 |
| f) | $24 + 7 + 5 =$  | 36 | $24 + (7 + 5) =$  | 36 |
|    | $24 + 7 - 5 =$  | 26 | $24 + (7 - 5) =$  | 26 |
|    | $24 - 7 - 5 =$  | 12 | $24 - (7 - 5) =$  | 22 |
|    | $24 - 7 + 5 =$  | 22 | $24 - (7 + 5) =$  | 12 |
| g) | $19 + 13 + 6 =$ | 38 | $19 + (13 + 6) =$ | 38 |
|    | $19 + 13 - 6 =$ | 26 | $19 + (13 - 6) =$ | 26 |
|    | $19 - 13 + 6 =$ | 12 | $19 - (13 + 6) =$ | 0  |
|    | $19 - 13 - 6 =$ | 0  | $19 - (13 - 6) =$ | 12 |
| h) | $22 + 17 + 5 =$ | 44 | $22 + (17 + 5) =$ | 44 |
|    | $22 + 17 - 5 =$ | 34 | $22 + (17 - 5) =$ | 34 |
|    | $22 - 17 + 5 =$ | 10 | $22 - (17 + 5) =$ | 0  |
|    | $22 - 17 - 5 =$ | 0  | $22 - (17 - 5) =$ | 10 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $38 + 16 + 10 =$ | 64            | $38 + (16 + 10) =$ | 64 |
|           | b)          | $8 + 5 + 3 =$    | 16            | $8 + (5 + 3) =$    | 16 |
|           | c)          | $28 + 19 + 9 =$  | 56            | $28 + (19 + 9) =$  | 56 |
|           | d)          | $21 + 3 + 3 =$   | 27            | $21 + (3 + 3) =$   | 27 |
|           | e)          | $40 + 11 + 7 =$  | 58            | $40 + (11 + 7) =$  | 58 |
|           | f)          | $6 + 4 + 2 =$    | 12            | $6 + (4 + 2) =$    | 12 |
|           | g)          | $21 + 6 + 6 =$   | 33            | $21 + (6 + 6) =$   | 33 |
|           | h)          | $40 + 7 + 7 =$   | 54            | $40 + (7 + 7) =$   | 54 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $38 - 16 + 10 =$ | 32            | $38 - (16 + 10) =$ | 12 |
|           | b)          | $8 - 5 + 3 =$    | 6             | $8 - (5 + 3) =$    | 0  |
|           | c)          | $28 - 19 + 9 =$  | 18            | $28 - (19 + 9) =$  | 0  |
|           | d)          | $21 - 3 + 3 =$   | 21            | $21 - (3 + 3) =$   | 15 |
|           | e)          | $40 - 11 + 7 =$  | 36            | $40 - (11 + 7) =$  | 22 |
|           | f)          | $6 - 4 + 2 =$    | 4             | $6 - (4 + 2) =$    | 0  |
|           | g)          | $21 - 6 + 6 =$   | 21            | $21 - (6 + 6) =$   | 9  |
|           | h)          | $40 - 7 + 7 =$   | 40            | $40 - (7 + 7) =$   | 26 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $38 + 16 - 10 =$ | 44            | $38 + (16 - 10) =$ | 44 |
|           | b)          | $8 + 5 - 3 =$    | 10            | $8 + (5 - 3) =$    | 10 |
|           | c)          | $28 + 19 - 9 =$  | 38            | $28 + (19 - 9) =$  | 38 |
|           | d)          | $21 + 3 - 3 =$   | 21            | $21 + (3 - 3) =$   | 21 |
|           | e)          | $40 + 11 - 7 =$  | 44            | $40 + (11 - 7) =$  | 44 |
|           | f)          | $6 + 4 - 2 =$    | 8             | $6 + (4 - 2) =$    | 8  |
|           | g)          | $21 + 6 - 6 =$   | 21            | $21 + (6 - 6) =$   | 21 |
|           | h)          | $40 + 7 - 7 =$   | 40            | $40 + (7 - 7) =$   | 40 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $38 - 16 - 10 =$ | 12            | $38 - (16 - 10) =$ | 32 |
|           | b)          | $8 - 5 - 3 =$    | 0             | $8 - (5 - 3) =$    | 6  |
|           | c)          | $28 - 19 - 9 =$  | 0             | $28 - (19 - 9) =$  | 18 |
|           | d)          | $21 - 3 - 3 =$   | 15            | $21 - (3 - 3) =$   | 21 |
|           | e)          | $40 - 11 - 7 =$  | 22            | $40 - (11 - 7) =$  | 36 |
|           | f)          | $6 - 4 - 2 =$    | 0             | $6 - (4 - 2) =$    | 4  |
|           | g)          | $21 - 6 - 6 =$   | 9             | $21 - (6 - 6) =$   | 21 |
|           | h)          | $40 - 7 - 7 =$   | 26            | $40 - (7 - 7) =$   | 40 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $14 + 13 + 1 =$ | 28              | $14 + (13 + 1) =$ | 28            |  |
|    | $14 + 13 - 1 =$ | 26              | $14 + (13 - 1) =$ | 26            |  |
|    | $14 - 13 + 1 =$ | 2               | $14 - (13 + 1) =$ | 0             |  |
|    | $14 - 13 - 1 =$ | 0               | $14 - (13 - 1) =$ | 2             |  |
| b) | $31 + 18 + 2 =$ | 51              | $31 + (18 + 2) =$ | 51            |  |
|    | $31 + 18 - 2 =$ | 47              | $31 + (18 - 2) =$ | 47            |  |
|    | $31 - 18 + 2 =$ | 15              | $31 - (18 + 2) =$ | 11            |  |
|    | $31 - 18 - 2 =$ | 11              | $31 - (18 - 2) =$ | 15            |  |
| c) | $24 + 18 + 6 =$ | 48              | $24 + (18 + 6) =$ | 48            |  |
|    | $24 + 18 - 6 =$ | 36              | $24 + (18 - 6) =$ | 36            |  |
|    | $24 - 18 + 6 =$ | 12              | $24 - (18 + 6) =$ | 0             |  |
|    | $24 - 18 - 6 =$ | 0               | $24 - (18 - 6) =$ | 12            |  |
| d) | $22 + 20 + 2 =$ | 44              | $22 + (20 + 2) =$ | 44            |  |
|    | $22 + 20 - 2 =$ | 40              | $22 + (20 - 2) =$ | 40            |  |
|    | $22 - 20 + 2 =$ | 4               | $22 - (20 + 2) =$ | 0             |  |
|    | $22 - 20 - 2 =$ | 0               | $22 - (20 - 2) =$ | 4             |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $29 + 9 + 9 =$  | 47 | $29 + (9 + 9) =$  | 47 |
|    | $29 + 9 - 9 =$  | 29 | $29 + (9 - 9) =$  | 29 |
|    | $29 - 9 - 9 =$  | 11 | $29 - (9 - 9) =$  | 29 |
|    | $29 - 9 + 9 =$  | 29 | $29 - (9 + 9) =$  | 11 |
| f) | $37 + 12 + 7 =$ | 56 | $37 + (12 + 7) =$ | 56 |
|    | $37 + 12 - 7 =$ | 42 | $37 + (12 - 7) =$ | 42 |
|    | $37 - 12 - 7 =$ | 18 | $37 - (12 - 7) =$ | 32 |
|    | $37 - 12 + 7 =$ | 32 | $37 - (12 + 7) =$ | 18 |
| g) | $38 + 6 + 6 =$  | 50 | $38 + (6 + 6) =$  | 50 |
|    | $38 + 6 - 6 =$  | 38 | $38 + (6 - 6) =$  | 38 |
|    | $38 - 6 + 6 =$  | 38 | $38 - (6 + 6) =$  | 26 |
|    | $38 - 6 - 6 =$  | 26 | $38 - (6 - 6) =$  | 38 |
| h) | $22 + 6 + 6 =$  | 34 | $22 + (6 + 6) =$  | 34 |
|    | $22 + 6 - 6 =$  | 22 | $22 + (6 - 6) =$  | 22 |
|    | $22 - 6 + 6 =$  | 22 | $22 - (6 + 6) =$  | 10 |
|    | $22 - 6 - 6 =$  | 10 | $22 - (6 - 6) =$  | 22 |

Esercizio 2

|           |                 | a + ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b + c | $a + b + c$     |                  | $a + (b + c)$     |                    |    |
|           | a)              | $25 + 4 + 4 =$   | 33                | $25 + (4 + 4) =$   | 33 |
|           | b)              | $12 + 11 + 1 =$  | 24                | $12 + (11 + 1) =$  | 24 |
|           | c)              | $26 + 20 + 6 =$  | 52                | $26 + (20 + 6) =$  | 52 |
|           | d)              | $39 + 11 + 10 =$ | 60                | $39 + (11 + 10) =$ | 60 |
|           | e)              | $17 + 7 + 7 =$   | 31                | $17 + (7 + 7) =$   | 31 |
|           | f)              | $32 + 11 + 5 =$  | 48                | $32 + (11 + 5) =$  | 48 |
|           | g)              | $34 + 5 + 5 =$   | 44                | $34 + (5 + 5) =$   | 44 |
| h)        | $19 + 10 + 9 =$ | 38               | $19 + (10 + 9) =$ | 38                 |    |

|           |                 | a - ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b - c | $a - b + c$     |                  | $a - (b + c)$     |                    |    |
|           | a)              | $25 - 4 + 4 =$   | 25                | $25 - (4 + 4) =$   | 17 |
|           | b)              | $12 - 11 + 1 =$  | 2                 | $12 - (11 + 1) =$  | 0  |
|           | c)              | $26 - 20 + 6 =$  | 12                | $26 - (20 + 6) =$  | 0  |
|           | d)              | $39 - 11 + 10 =$ | 38                | $39 - (11 + 10) =$ | 18 |
|           | e)              | $17 - 7 + 7 =$   | 17                | $17 - (7 + 7) =$   | 3  |
|           | f)              | $32 - 11 + 5 =$  | 26                | $32 - (11 + 5) =$  | 16 |
|           | g)              | $34 - 5 + 5 =$   | 34                | $34 - (5 + 5) =$   | 24 |
| h)        | $19 - 10 + 9 =$ | 18               | $19 - (10 + 9) =$ | 0                  |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a + b - c$     |                  | $a + (b - c)$     |                    |    |
|           | a)              | $25 + 4 - 4 =$   | 25                | $25 + (4 - 4) =$   | 25 |
|           | b)              | $12 + 11 - 1 =$  | 22                | $12 + (11 - 1) =$  | 22 |
|           | c)              | $26 + 20 - 6 =$  | 40                | $26 + (20 - 6) =$  | 40 |
|           | d)              | $39 + 11 - 10 =$ | 40                | $39 + (11 - 10) =$ | 40 |
|           | e)              | $17 + 7 - 7 =$   | 17                | $17 + (7 - 7) =$   | 17 |
|           | f)              | $32 + 11 - 5 =$  | 38                | $32 + (11 - 5) =$  | 38 |
|           | g)              | $34 + 5 - 5 =$   | 34                | $34 + (5 - 5) =$   | 34 |
| h)        | $19 + 10 - 9 =$ | 20               | $19 + (10 - 9) =$ | 20                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a - b - c$     |                  | $a - (b - c)$     |                    |    |
|           | a)              | $25 - 4 - 4 =$   | 17                | $25 - (4 - 4) =$   | 25 |
|           | b)              | $12 - 11 - 1 =$  | 0                 | $12 - (11 - 1) =$  | 2  |
|           | c)              | $26 - 20 - 6 =$  | 0                 | $26 - (20 - 6) =$  | 12 |
|           | d)              | $39 - 11 - 10 =$ | 18                | $39 - (11 - 10) =$ | 38 |
|           | e)              | $17 - 7 - 7 =$   | 3                 | $17 - (7 - 7) =$   | 17 |
|           | f)              | $32 - 11 - 5 =$  | 16                | $32 - (11 - 5) =$  | 26 |
|           | g)              | $34 - 5 - 5 =$   | 24                | $34 - (5 - 5) =$   | 34 |
| h)        | $19 - 10 - 9 =$ | 0                | $19 - (10 - 9) =$ | 18                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $25 + 17 + 6 =$ | 48              | $25 + (17 + 6) =$ | 48            |  |
|    | $25 + 17 - 6 =$ | 36              | $25 + (17 - 6) =$ | 36            |  |
|    | $25 - 17 + 6 =$ | 14              | $25 - (17 + 6) =$ | 2             |  |
|    | $25 - 17 - 6 =$ | 2               | $25 - (17 - 6) =$ | 14            |  |
| b) | $19 + 10 + 9 =$ | 38              | $19 + (10 + 9) =$ | 38            |  |
|    | $19 + 10 - 9 =$ | 20              | $19 + (10 - 9) =$ | 20            |  |
|    | $19 - 10 + 9 =$ | 18              | $19 - (10 + 9) =$ | 0             |  |
|    | $19 - 10 - 9 =$ | 0               | $19 - (10 - 9) =$ | 18            |  |
| c) | $13 + 8 + 5 =$  | 26              | $13 + (8 + 5) =$  | 26            |  |
|    | $13 + 8 - 5 =$  | 16              | $13 + (8 - 5) =$  | 16            |  |
|    | $13 - 8 + 5 =$  | 10              | $13 - (8 + 5) =$  | 0             |  |
|    | $13 - 8 - 5 =$  | 0               | $13 - (8 - 5) =$  | 10            |  |
| d) | $31 + 9 + 9 =$  | 49              | $31 + (9 + 9) =$  | 49            |  |
|    | $31 + 9 - 9 =$  | 31              | $31 + (9 - 9) =$  | 31            |  |
|    | $31 - 9 + 9 =$  | 31              | $31 - (9 + 9) =$  | 13            |  |
|    | $31 - 9 - 9 =$  | 13              | $31 - (9 - 9) =$  | 31            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $24 + 20 + 4 =$ | 48 | $24 + (20 + 4) =$ | 48 |
|    | $24 + 20 - 4 =$ | 40 | $24 + (20 - 4) =$ | 40 |
|    | $24 - 20 - 4 =$ | 0  | $24 - (20 - 4) =$ | 8  |
|    | $24 - 20 + 4 =$ | 8  | $24 - (20 + 4) =$ | 0  |
| f) | $32 + 8 + 8 =$  | 48 | $32 + (8 + 8) =$  | 48 |
|    | $32 + 8 - 8 =$  | 32 | $32 + (8 - 8) =$  | 32 |
|    | $32 - 8 - 8 =$  | 16 | $32 - (8 - 8) =$  | 32 |
|    | $32 - 8 + 8 =$  | 32 | $32 - (8 + 8) =$  | 16 |
| g) | $40 + 18 + 2 =$ | 60 | $40 + (18 + 2) =$ | 60 |
|    | $40 + 18 - 2 =$ | 56 | $40 + (18 - 2) =$ | 56 |
|    | $40 - 18 + 2 =$ | 24 | $40 - (18 + 2) =$ | 20 |
|    | $40 - 18 - 2 =$ | 20 | $40 - (18 - 2) =$ | 24 |
| h) | $32 + 7 + 7 =$  | 46 | $32 + (7 + 7) =$  | 46 |
|    | $32 + 7 - 7 =$  | 32 | $32 + (7 - 7) =$  | 32 |
|    | $32 - 7 + 7 =$  | 32 | $32 - (7 + 7) =$  | 18 |
|    | $32 - 7 - 7 =$  | 18 | $32 - (7 - 7) =$  | 32 |

Esercizio 2

|           |                | a + ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b + c | $a + b + c$    |                  | $a + (b + c)$    |                    |    |
|           | a)             | $19 + 10 + 9 =$  | 38               | $19 + (10 + 9) =$  | 38 |
|           | b)             | $18 + 8 + 8 =$   | 34               | $18 + (8 + 8) =$   | 34 |
|           | c)             | $22 + 19 + 1 =$  | 42               | $22 + (19 + 1) =$  | 42 |
|           | d)             | $23 + 15 + 8 =$  | 46               | $23 + (15 + 8) =$  | 46 |
|           | e)             | $25 + 6 + 1 =$   | 32               | $25 + (6 + 1) =$   | 32 |
|           | f)             | $17 + 9 + 8 =$   | 34               | $17 + (9 + 8) =$   | 34 |
|           | g)             | $31 + 10 + 10 =$ | 51               | $31 + (10 + 10) =$ | 51 |
| h)        | $39 + 6 + 6 =$ | 51               | $39 + (6 + 6) =$ | 51                 |    |

|           |                | a - ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b - c | $a - b + c$    |                  | $a - (b + c)$    |                    |    |
|           | a)             | $19 - 10 + 9 =$  | 18               | $19 - (10 + 9) =$  | 0  |
|           | b)             | $18 - 8 + 8 =$   | 18               | $18 - (8 + 8) =$   | 2  |
|           | c)             | $22 - 19 + 1 =$  | 4                | $22 - (19 + 1) =$  | 2  |
|           | d)             | $23 - 15 + 8 =$  | 16               | $23 - (15 + 8) =$  | 0  |
|           | e)             | $25 - 6 + 1 =$   | 20               | $25 - (6 + 1) =$   | 18 |
|           | f)             | $17 - 9 + 8 =$   | 16               | $17 - (9 + 8) =$   | 0  |
|           | g)             | $31 - 10 + 10 =$ | 31               | $31 - (10 + 10) =$ | 11 |
| h)        | $39 - 6 + 6 =$ | 39               | $39 - (6 + 6) =$ | 27                 |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a + b - c$    |                  | $a + (b - c)$    |                    |    |
|           | a)             | $19 + 10 - 9 =$  | 20               | $19 + (10 - 9) =$  | 20 |
|           | b)             | $18 + 8 - 8 =$   | 18               | $18 + (8 - 8) =$   | 18 |
|           | c)             | $22 + 19 - 1 =$  | 40               | $22 + (19 - 1) =$  | 40 |
|           | d)             | $23 + 15 - 8 =$  | 30               | $23 + (15 - 8) =$  | 30 |
|           | e)             | $25 + 6 - 1 =$   | 30               | $25 + (6 - 1) =$   | 30 |
|           | f)             | $17 + 9 - 8 =$   | 18               | $17 + (9 - 8) =$   | 18 |
|           | g)             | $31 + 10 - 10 =$ | 31               | $31 + (10 - 10) =$ | 31 |
| h)        | $39 + 6 - 6 =$ | 39               | $39 + (6 - 6) =$ | 39                 |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a - b - c$    |                  | $a - (b - c)$    |                    |    |
|           | a)             | $19 - 10 - 9 =$  | 0                | $19 - (10 - 9) =$  | 18 |
|           | b)             | $18 - 8 - 8 =$   | 2                | $18 - (8 - 8) =$   | 18 |
|           | c)             | $22 - 19 - 1 =$  | 2                | $22 - (19 - 1) =$  | 4  |
|           | d)             | $23 - 15 - 8 =$  | 0                | $23 - (15 - 8) =$  | 16 |
|           | e)             | $25 - 6 - 1 =$   | 18               | $25 - (6 - 1) =$   | 20 |
|           | f)             | $17 - 9 - 8 =$   | 0                | $17 - (9 - 8) =$   | 16 |
|           | g)             | $31 - 10 - 10 =$ | 11               | $31 - (10 - 10) =$ | 31 |
| h)        | $39 - 6 - 6 =$ | 27               | $39 - (6 - 6) =$ | 39                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $30 + 16 + 5 =$ | 51              | $30 + (16 + 5) =$ | 51            |  |
|    | $30 + 16 - 5 =$ | 41              | $30 + (16 - 5) =$ | 41            |  |
|    | $30 - 16 + 5 =$ | 19              | $30 - (16 + 5) =$ | 9             |  |
|    | $30 - 16 - 5 =$ | 9               | $30 - (16 - 5) =$ | 19            |  |
| b) | $36 + 20 + 5 =$ | 61              | $36 + (20 + 5) =$ | 61            |  |
|    | $36 + 20 - 5 =$ | 51              | $36 + (20 - 5) =$ | 51            |  |
|    | $36 - 20 + 5 =$ | 21              | $36 - (20 + 5) =$ | 11            |  |
|    | $36 - 20 - 5 =$ | 11              | $36 - (20 - 5) =$ | 21            |  |
| c) | $11 + 8 + 3 =$  | 22              | $11 + (8 + 3) =$  | 22            |  |
|    | $11 + 8 - 3 =$  | 16              | $11 + (8 - 3) =$  | 16            |  |
|    | $11 - 8 + 3 =$  | 6               | $11 - (8 + 3) =$  | 0             |  |
|    | $11 - 8 - 3 =$  | 0               | $11 - (8 - 3) =$  | 6             |  |
| d) | $13 + 1 + 1 =$  | 15              | $13 + (1 + 1) =$  | 15            |  |
|    | $13 + 1 - 1 =$  | 13              | $13 + (1 - 1) =$  | 13            |  |
|    | $13 - 1 + 1 =$  | 13              | $13 - (1 + 1) =$  | 11            |  |
|    | $13 - 1 - 1 =$  | 11              | $13 - (1 - 1) =$  | 13            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $35 + 3 + 3 =$   | 41 | $35 + (3 + 3) =$   | 41 |
|    | $35 + 3 - 3 =$   | 35 | $35 + (3 - 3) =$   | 35 |
|    | $35 - 3 - 3 =$   | 29 | $35 - (3 - 3) =$   | 35 |
|    | $35 - 3 + 3 =$   | 35 | $35 - (3 + 3) =$   | 29 |
| f) | $27 + 19 + 8 =$  | 54 | $27 + (19 + 8) =$  | 54 |
|    | $27 + 19 - 8 =$  | 38 | $27 + (19 - 8) =$  | 38 |
|    | $27 - 19 - 8 =$  | 0  | $27 - (19 - 8) =$  | 16 |
|    | $27 - 19 + 8 =$  | 16 | $27 - (19 + 8) =$  | 0  |
| g) | $23 + 13 + 10 =$ | 46 | $23 + (13 + 10) =$ | 46 |
|    | $23 + 13 - 10 =$ | 26 | $23 + (13 - 10) =$ | 26 |
|    | $23 - 13 + 10 =$ | 20 | $23 - (13 + 10) =$ | 0  |
|    | $23 - 13 - 10 =$ | 0  | $23 - (13 - 10) =$ | 20 |
| h) | $27 + 10 + 10 =$ | 47 | $27 + (10 + 10) =$ | 47 |
|    | $27 + 10 - 10 =$ | 27 | $27 + (10 - 10) =$ | 27 |
|    | $27 - 10 + 10 =$ | 27 | $27 - (10 + 10) =$ | 7  |
|    | $27 - 10 - 10 =$ | 7  | $27 - (10 - 10) =$ | 27 |

Esercizio 2

|           |                 | a + ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b + c | $a + b + c$     |                  | $a + (b + c)$     |                    |    |
|           | a)              | $29 + 19 + 10 =$ | 58                | $29 + (19 + 10) =$ | 58 |
|           | b)              | $23 + 9 + 9 =$   | 41                | $23 + (9 + 9) =$   | 41 |
|           | c)              | $28 + 11 + 10 =$ | 49                | $28 + (11 + 10) =$ | 49 |
|           | d)              | $3 + 2 + 1 =$    | 6                 | $3 + (2 + 1) =$    | 6  |
|           | e)              | $27 + 9 + 9 =$   | 45                | $27 + (9 + 9) =$   | 45 |
|           | f)              | $36 + 3 + 3 =$   | 42                | $36 + (3 + 3) =$   | 42 |
|           | g)              | $28 + 20 + 8 =$  | 56                | $28 + (20 + 8) =$  | 56 |
| h)        | $33 + 15 + 3 =$ | 51               | $33 + (15 + 3) =$ | 51                 |    |

|           |                 | a - ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b - c | $a - b + c$     |                  | $a - (b + c)$     |                    |    |
|           | a)              | $29 - 19 + 10 =$ | 20                | $29 - (19 + 10) =$ | 0  |
|           | b)              | $23 - 9 + 9 =$   | 23                | $23 - (9 + 9) =$   | 5  |
|           | c)              | $28 - 11 + 10 =$ | 27                | $28 - (11 + 10) =$ | 7  |
|           | d)              | $3 - 2 + 1 =$    | 2                 | $3 - (2 + 1) =$    | 0  |
|           | e)              | $27 - 9 + 9 =$   | 27                | $27 - (9 + 9) =$   | 9  |
|           | f)              | $36 - 3 + 3 =$   | 36                | $36 - (3 + 3) =$   | 30 |
|           | g)              | $28 - 20 + 8 =$  | 16                | $28 - (20 + 8) =$  | 0  |
| h)        | $33 - 15 + 3 =$ | 21               | $33 - (15 + 3) =$ | 15                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a + b - c$     |                  | $a + (b - c)$     |                    |    |
|           | a)              | $29 + 19 - 10 =$ | 38                | $29 + (19 - 10) =$ | 38 |
|           | b)              | $23 + 9 - 9 =$   | 23                | $23 + (9 - 9) =$   | 23 |
|           | c)              | $28 + 11 - 10 =$ | 29                | $28 + (11 - 10) =$ | 29 |
|           | d)              | $3 + 2 - 1 =$    | 4                 | $3 + (2 - 1) =$    | 4  |
|           | e)              | $27 + 9 - 9 =$   | 27                | $27 + (9 - 9) =$   | 27 |
|           | f)              | $36 + 3 - 3 =$   | 36                | $36 + (3 - 3) =$   | 36 |
|           | g)              | $28 + 20 - 8 =$  | 40                | $28 + (20 - 8) =$  | 40 |
| h)        | $33 + 15 - 3 =$ | 45               | $33 + (15 - 3) =$ | 45                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a - b - c$     |                  | $a - (b - c)$     |                    |    |
|           | a)              | $29 - 19 - 10 =$ | 0                 | $29 - (19 - 10) =$ | 20 |
|           | b)              | $23 - 9 - 9 =$   | 5                 | $23 - (9 - 9) =$   | 23 |
|           | c)              | $28 - 11 - 10 =$ | 7                 | $28 - (11 - 10) =$ | 27 |
|           | d)              | $3 - 2 - 1 =$    | 0                 | $3 - (2 - 1) =$    | 2  |
|           | e)              | $27 - 9 - 9 =$   | 9                 | $27 - (9 - 9) =$   | 27 |
|           | f)              | $36 - 3 - 3 =$   | 30                | $36 - (3 - 3) =$   | 36 |
|           | g)              | $28 - 20 - 8 =$  | 0                 | $28 - (20 - 8) =$  | 16 |
| h)        | $33 - 15 - 3 =$ | 15               | $33 - (15 - 3) =$ | 21                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $22 + 16 + 6 =$ | 44              | $22 + (16 + 6) =$ | 44            |  |
|    | $22 + 16 - 6 =$ | 32              | $22 + (16 - 6) =$ | 32            |  |
|    | $22 - 16 + 6 =$ | 12              | $22 - (16 + 6) =$ | 0             |  |
|    | $22 - 16 - 6 =$ | 0               | $22 - (16 - 6) =$ | 12            |  |
| b) | $27 + 13 + 9 =$ | 49              | $27 + (13 + 9) =$ | 49            |  |
|    | $27 + 13 - 9 =$ | 31              | $27 + (13 - 9) =$ | 31            |  |
|    | $27 - 13 + 9 =$ | 23              | $27 - (13 + 9) =$ | 5             |  |
|    | $27 - 13 - 9 =$ | 5               | $27 - (13 - 9) =$ | 23            |  |
| c) | $16 + 9 + 7 =$  | 32              | $16 + (9 + 7) =$  | 32            |  |
|    | $16 + 9 - 7 =$  | 18              | $16 + (9 - 7) =$  | 18            |  |
|    | $16 - 9 + 7 =$  | 14              | $16 - (9 + 7) =$  | 0             |  |
|    | $16 - 9 - 7 =$  | 0               | $16 - (9 - 7) =$  | 14            |  |
| d) | $26 + 8 + 8 =$  | 42              | $26 + (8 + 8) =$  | 42            |  |
|    | $26 + 8 - 8 =$  | 26              | $26 + (8 - 8) =$  | 26            |  |
|    | $26 - 8 + 8 =$  | 26              | $26 - (8 + 8) =$  | 10            |  |
|    | $26 - 8 - 8 =$  | 10              | $26 - (8 - 8) =$  | 26            |  |

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| e) | $21 + 18 + 3 =$ | 42              | $21 + (18 + 3) =$ | 42            |  |
|    | $21 + 18 - 3 =$ | 36              | $21 + (18 - 3) =$ | 36            |  |
|    | $21 - 18 - 3 =$ | 0               | $21 - (18 - 3) =$ | 6             |  |
|    | $21 - 18 + 3 =$ | 6               | $21 - (18 + 3) =$ | 0             |  |
| f) | $34 + 15 + 8 =$ | 57              | $34 + (15 + 8) =$ | 57            |  |
|    | $34 + 15 - 8 =$ | 41              | $34 + (15 - 8) =$ | 41            |  |
|    | $34 - 15 - 8 =$ | 11              | $34 - (15 - 8) =$ | 27            |  |
|    | $34 - 15 + 8 =$ | 27              | $34 - (15 + 8) =$ | 11            |  |
| g) | $15 + 6 + 6 =$  | 27              | $15 + (6 + 6) =$  | 27            |  |
|    | $15 + 6 - 6 =$  | 15              | $15 + (6 - 6) =$  | 15            |  |
|    | $15 - 6 + 6 =$  | 15              | $15 - (6 + 6) =$  | 3             |  |
|    | $15 - 6 - 6 =$  | 3               | $15 - (6 - 6) =$  | 15            |  |
| h) | $13 + 2 + 2 =$  | 17              | $13 + (2 + 2) =$  | 17            |  |
|    | $13 + 2 - 2 =$  | 13              | $13 + (2 - 2) =$  | 13            |  |
|    | $13 - 2 + 2 =$  | 13              | $13 - (2 + 2) =$  | 9             |  |
|    | $13 - 2 - 2 =$  | 9               | $13 - (2 - 2) =$  | 13            |  |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $14 + 8 + 6 =$   | 28            | $14 + (8 + 6) =$   | 28 |
|           | b)          | $26 + 18 + 8 =$  | 52            | $26 + (18 + 8) =$  | 52 |
|           | c)          | $35 + 15 + 5 =$  | 55            | $35 + (15 + 5) =$  | 55 |
|           | d)          | $26 + 19 + 6 =$  | 51            | $26 + (19 + 6) =$  | 51 |
|           | e)          | $40 + 10 + 10 =$ | 60            | $40 + (10 + 10) =$ | 60 |
|           | f)          | $22 + 2 + 2 =$   | 26            | $22 + (2 + 2) =$   | 26 |
|           | g)          | $14 + 10 + 4 =$  | 28            | $14 + (10 + 4) =$  | 28 |
|           | h)          | $29 + 3 + 3 =$   | 35            | $29 + (3 + 3) =$   | 35 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $14 - 8 + 6 =$   | 12            | $14 - (8 + 6) =$   | 0  |
|           | b)          | $26 - 18 + 8 =$  | 16            | $26 - (18 + 8) =$  | 0  |
|           | c)          | $35 - 15 + 5 =$  | 25            | $35 - (15 + 5) =$  | 15 |
|           | d)          | $26 - 19 + 6 =$  | 13            | $26 - (19 + 6) =$  | 1  |
|           | e)          | $40 - 10 + 10 =$ | 40            | $40 - (10 + 10) =$ | 20 |
|           | f)          | $22 - 2 + 2 =$   | 22            | $22 - (2 + 2) =$   | 18 |
|           | g)          | $14 - 10 + 4 =$  | 8             | $14 - (10 + 4) =$  | 0  |
|           | h)          | $29 - 3 + 3 =$   | 29            | $29 - (3 + 3) =$   | 23 |

|           |             | a + b - c        |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $14 + 8 - 6 =$   | 16            | $14 + (8 - 6) =$   | 16 |
|           | b)          | $26 + 18 - 8 =$  | 36            | $26 + (18 - 8) =$  | 36 |
|           | c)          | $35 + 15 - 5 =$  | 45            | $35 + (15 - 5) =$  | 45 |
|           | d)          | $26 + 19 - 6 =$  | 39            | $26 + (19 - 6) =$  | 39 |
|           | e)          | $40 + 10 - 10 =$ | 40            | $40 + (10 - 10) =$ | 40 |
|           | f)          | $22 + 2 - 2 =$   | 22            | $22 + (2 - 2) =$   | 22 |
|           | g)          | $14 + 10 - 4 =$  | 20            | $14 + (10 - 4) =$  | 20 |
|           | h)          | $29 + 3 - 3 =$   | 29            | $29 + (3 - 3) =$   | 29 |

|           |             | a - b - c        |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $14 - 8 - 6 =$   | 0             | $14 - (8 - 6) =$   | 12 |
|           | b)          | $26 - 18 - 8 =$  | 0             | $26 - (18 - 8) =$  | 16 |
|           | c)          | $35 - 15 - 5 =$  | 15            | $35 - (15 - 5) =$  | 25 |
|           | d)          | $26 - 19 - 6 =$  | 1             | $26 - (19 - 6) =$  | 13 |
|           | e)          | $40 - 10 - 10 =$ | 20            | $40 - (10 - 10) =$ | 40 |
|           | f)          | $22 - 2 - 2 =$   | 18            | $22 - (2 - 2) =$   | 22 |
|           | g)          | $14 - 10 - 4 =$  | 0             | $14 - (10 - 4) =$  | 8  |
|           | h)          | $29 - 3 - 3 =$   | 23            | $29 - (3 - 3) =$   | 29 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $25 + 15 + 4 =$ | 44              | $25 + (15 + 4) =$ | 44            |  |
|    | $25 + 15 - 4 =$ | 36              | $25 + (15 - 4) =$ | 36            |  |
|    | $25 - 15 + 4 =$ | 14              | $25 - (15 + 4) =$ | 6             |  |
|    | $25 - 15 - 4 =$ | 6               | $25 - (15 - 4) =$ | 14            |  |
| b) | $12 + 3 + 3 =$  | 18              | $12 + (3 + 3) =$  | 18            |  |
|    | $12 + 3 - 3 =$  | 12              | $12 + (3 - 3) =$  | 12            |  |
|    | $12 - 3 + 3 =$  | 12              | $12 - (3 + 3) =$  | 6             |  |
|    | $12 - 3 - 3 =$  | 6               | $12 - (3 - 3) =$  | 12            |  |
| c) | $17 + 7 + 7 =$  | 31              | $17 + (7 + 7) =$  | 31            |  |
|    | $17 + 7 - 7 =$  | 17              | $17 + (7 - 7) =$  | 17            |  |
|    | $17 - 7 + 7 =$  | 17              | $17 - (7 + 7) =$  | 3             |  |
|    | $17 - 7 - 7 =$  | 3               | $17 - (7 - 7) =$  | 17            |  |
| d) | $21 + 12 + 9 =$ | 42              | $21 + (12 + 9) =$ | 42            |  |
|    | $21 + 12 - 9 =$ | 24              | $21 + (12 - 9) =$ | 24            |  |
|    | $21 - 12 + 9 =$ | 18              | $21 - (12 + 9) =$ | 0             |  |
|    | $21 - 12 - 9 =$ | 0               | $21 - (12 - 9) =$ | 18            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $15 + 8 + 7 =$  | 30 | $15 + (8 + 7) =$  | 30 |
|    | $15 + 8 - 7 =$  | 16 | $15 + (8 - 7) =$  | 16 |
|    | $15 - 8 - 7 =$  | 0  | $15 - (8 - 7) =$  | 14 |
|    | $15 - 8 + 7 =$  | 14 | $15 - (8 + 7) =$  | 0  |
| f) | $32 + 12 + 9 =$ | 53 | $32 + (12 + 9) =$ | 53 |
|    | $32 + 12 - 9 =$ | 35 | $32 + (12 - 9) =$ | 35 |
|    | $32 - 12 - 9 =$ | 11 | $32 - (12 - 9) =$ | 29 |
|    | $32 - 12 + 9 =$ | 29 | $32 - (12 + 9) =$ | 11 |
| g) | $36 + 2 + 2 =$  | 40 | $36 + (2 + 2) =$  | 40 |
|    | $36 + 2 - 2 =$  | 36 | $36 + (2 - 2) =$  | 36 |
|    | $36 - 2 + 2 =$  | 36 | $36 - (2 + 2) =$  | 32 |
|    | $36 - 2 - 2 =$  | 32 | $36 - (2 - 2) =$  | 36 |
| h) | $15 + 14 + 1 =$ | 30 | $15 + (14 + 1) =$ | 30 |
|    | $15 + 14 - 1 =$ | 28 | $15 + (14 - 1) =$ | 28 |
|    | $15 - 14 + 1 =$ | 2  | $15 - (14 + 1) =$ | 0  |
|    | $15 - 14 - 1 =$ | 0  | $15 - (14 - 1) =$ | 2  |

Esercizio 2

|           |                 | a + ...         |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
|           |                 | senza parentesi | con parentesi     |                   |    |
| ... b + c | $a + b + c$     |                 | $a + (b + c)$     |                   |    |
|           | a)              | $38 + 16 + 8 =$ | 62                | $38 + (16 + 8) =$ | 62 |
|           | b)              | $8 + 5 + 3 =$   | 16                | $8 + (5 + 3) =$   | 16 |
|           | c)              | $14 + 13 + 1 =$ | 28                | $14 + (13 + 1) =$ | 28 |
|           | d)              | $15 + 3 + 3 =$  | 21                | $15 + (3 + 3) =$  | 21 |
|           | e)              | $40 + 5 + 5 =$  | 50                | $40 + (5 + 5) =$  | 50 |
|           | f)              | $26 + 5 + 5 =$  | 36                | $26 + (5 + 5) =$  | 36 |
|           | g)              | $18 + 16 + 2 =$ | 36                | $18 + (16 + 2) =$ | 36 |
| h)        | $39 + 12 + 7 =$ | 58              | $39 + (12 + 7) =$ | 58                |    |

|           |                 | a - ...         |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
|           |                 | senza parentesi | con parentesi     |                   |    |
| ... b - c | $a - b + c$     |                 | $a - (b + c)$     |                   |    |
|           | a)              | $38 - 16 + 8 =$ | 30                | $38 - (16 + 8) =$ | 14 |
|           | b)              | $8 - 5 + 3 =$   | 6                 | $8 - (5 + 3) =$   | 0  |
|           | c)              | $14 - 13 + 1 =$ | 2                 | $14 - (13 + 1) =$ | 0  |
|           | d)              | $15 - 3 + 3 =$  | 15                | $15 - (3 + 3) =$  | 9  |
|           | e)              | $40 - 5 + 5 =$  | 40                | $40 - (5 + 5) =$  | 30 |
|           | f)              | $26 - 5 + 5 =$  | 26                | $26 - (5 + 5) =$  | 16 |
|           | g)              | $18 - 16 + 2 =$ | 4                 | $18 - (16 + 2) =$ | 0  |
| h)        | $39 - 12 + 7 =$ | 34              | $39 - (12 + 7) =$ | 20                |    |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a + b - c$     |                 | $a + (b - c)$     |                   |    |
|           | a)              | $38 + 16 - 8 =$ | 46                | $38 + (16 - 8) =$ | 46 |
|           | b)              | $8 + 5 - 3 =$   | 10                | $8 + (5 - 3) =$   | 10 |
|           | c)              | $14 + 13 - 1 =$ | 26                | $14 + (13 - 1) =$ | 26 |
|           | d)              | $15 + 3 - 3 =$  | 15                | $15 + (3 - 3) =$  | 15 |
|           | e)              | $40 + 5 - 5 =$  | 40                | $40 + (5 - 5) =$  | 40 |
|           | f)              | $26 + 5 - 5 =$  | 26                | $26 + (5 - 5) =$  | 26 |
|           | g)              | $18 + 16 - 2 =$ | 32                | $18 + (16 - 2) =$ | 32 |
| h)        | $39 + 12 - 7 =$ | 44              | $39 + (12 - 7) =$ | 44                |    |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a - b - c$     |                 | $a - (b - c)$     |                   |    |
|           | a)              | $38 - 16 - 8 =$ | 14                | $38 - (16 - 8) =$ | 30 |
|           | b)              | $8 - 5 - 3 =$   | 0                 | $8 - (5 - 3) =$   | 6  |
|           | c)              | $14 - 13 - 1 =$ | 0                 | $14 - (13 - 1) =$ | 2  |
|           | d)              | $15 - 3 - 3 =$  | 9                 | $15 - (3 - 3) =$  | 15 |
|           | e)              | $40 - 5 - 5 =$  | 30                | $40 - (5 - 5) =$  | 40 |
|           | f)              | $26 - 5 - 5 =$  | 16                | $26 - (5 - 5) =$  | 26 |
|           | g)              | $18 - 16 - 2 =$ | 0                 | $18 - (16 - 2) =$ | 4  |
| h)        | $39 - 12 - 7 =$ | 20              | $39 - (12 - 7) =$ | 34                |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $10 + 7 + 3 =$  | 20              | $10 + (7 + 3) =$  | 20            |  |
|    | $10 + 7 - 3 =$  | 14              | $10 + (7 - 3) =$  | 14            |  |
|    | $10 - 7 + 3 =$  | 6               | $10 - (7 + 3) =$  | 0             |  |
|    | $10 - 7 - 3 =$  | 0               | $10 - (7 - 3) =$  | 6             |  |
| b) | $27 + 7 + 7 =$  | 41              | $27 + (7 + 7) =$  | 41            |  |
|    | $27 + 7 - 7 =$  | 27              | $27 + (7 - 7) =$  | 27            |  |
|    | $27 - 7 + 7 =$  | 27              | $27 - (7 + 7) =$  | 13            |  |
|    | $27 - 7 - 7 =$  | 13              | $27 - (7 - 7) =$  | 27            |  |
| c) | $21 + 19 + 2 =$ | 42              | $21 + (19 + 2) =$ | 42            |  |
|    | $21 + 19 - 2 =$ | 38              | $21 + (19 - 2) =$ | 38            |  |
|    | $21 - 19 + 2 =$ | 4               | $21 - (19 + 2) =$ | 0             |  |
|    | $21 - 19 - 2 =$ | 0               | $21 - (19 - 2) =$ | 4             |  |
| d) | $17 + 12 + 5 =$ | 34              | $17 + (12 + 5) =$ | 34            |  |
|    | $17 + 12 - 5 =$ | 24              | $17 + (12 - 5) =$ | 24            |  |
|    | $17 - 12 + 5 =$ | 10              | $17 - (12 + 5) =$ | 0             |  |
|    | $17 - 12 - 5 =$ | 0               | $17 - (12 - 5) =$ | 10            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $35 + 5 + 5 =$  | 45 | $35 + (5 + 5) =$  | 45 |
|    | $35 + 5 - 5 =$  | 35 | $35 + (5 - 5) =$  | 35 |
|    | $35 - 5 - 5 =$  | 25 | $35 - (5 - 5) =$  | 35 |
|    | $35 - 5 + 5 =$  | 35 | $35 - (5 + 5) =$  | 25 |
| f) | $35 + 18 + 5 =$ | 58 | $35 + (18 + 5) =$ | 58 |
|    | $35 + 18 - 5 =$ | 48 | $35 + (18 - 5) =$ | 48 |
|    | $35 - 18 - 5 =$ | 12 | $35 - (18 - 5) =$ | 22 |
|    | $35 - 18 + 5 =$ | 22 | $35 - (18 + 5) =$ | 12 |
| g) | $19 + 8 + 1 =$  | 28 | $19 + (8 + 1) =$  | 28 |
|    | $19 + 8 - 1 =$  | 26 | $19 + (8 - 1) =$  | 26 |
|    | $19 - 8 + 1 =$  | 12 | $19 - (8 + 1) =$  | 10 |
|    | $19 - 8 - 1 =$  | 10 | $19 - (8 - 1) =$  | 12 |
| h) | $39 + 3 + 3 =$  | 45 | $39 + (3 + 3) =$  | 45 |
|    | $39 + 3 - 3 =$  | 39 | $39 + (3 - 3) =$  | 39 |
|    | $39 - 3 + 3 =$  | 39 | $39 - (3 + 3) =$  | 33 |
|    | $39 - 3 - 3 =$  | 33 | $39 - (3 - 3) =$  | 39 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $13 + 12 + 1 =$  | 26            | $13 + (12 + 1) =$  | 26 |
|           | b)          | $28 + 19 + 8 =$  | 55            | $28 + (19 + 8) =$  | 55 |
|           | c)          | $22 + 10 + 10 =$ | 42            | $22 + (10 + 10) =$ | 42 |
|           | d)          | $24 + 8 + 8 =$   | 40            | $24 + (8 + 8) =$   | 40 |
|           | e)          | $15 + 4 + 4 =$   | 23            | $15 + (4 + 4) =$   | 23 |
|           | f)          | $23 + 13 + 9 =$  | 45            | $23 + (13 + 9) =$  | 45 |
|           | g)          | $22 + 16 + 6 =$  | 44            | $22 + (16 + 6) =$  | 44 |
|           | h)          | $15 + 8 + 7 =$   | 30            | $15 + (8 + 7) =$   | 30 |

|           |             | a - ...          |               |                    |   |
|-----------|-------------|------------------|---------------|--------------------|---|
|           |             | senza parentesi  | con parentesi |                    |   |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |   |
|           | a)          | $13 - 12 + 1 =$  | 2             | $13 - (12 + 1) =$  | 0 |
|           | b)          | $28 - 19 + 8 =$  | 17            | $28 - (19 + 8) =$  | 1 |
|           | c)          | $22 - 10 + 10 =$ | 22            | $22 - (10 + 10) =$ | 2 |
|           | d)          | $24 - 8 + 8 =$   | 24            | $24 - (8 + 8) =$   | 8 |
|           | e)          | $15 - 4 + 4 =$   | 15            | $15 - (4 + 4) =$   | 7 |
|           | f)          | $23 - 13 + 9 =$  | 19            | $23 - (13 + 9) =$  | 1 |
|           | g)          | $22 - 16 + 6 =$  | 12            | $22 - (16 + 6) =$  | 0 |
|           | h)          | $15 - 8 + 7 =$   | 14            | $15 - (8 + 7) =$   | 0 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $13 + 12 - 1 =$  | 24            | $13 + (12 - 1) =$  | 24 |
|           | b)          | $28 + 19 - 8 =$  | 39            | $28 + (19 - 8) =$  | 39 |
|           | c)          | $22 + 10 - 10 =$ | 22            | $22 + (10 - 10) =$ | 22 |
|           | d)          | $24 + 8 - 8 =$   | 24            | $24 + (8 - 8) =$   | 24 |
|           | e)          | $15 + 4 - 4 =$   | 15            | $15 + (4 - 4) =$   | 15 |
|           | f)          | $23 + 13 - 9 =$  | 27            | $23 + (13 - 9) =$  | 27 |
|           | g)          | $22 + 16 - 6 =$  | 32            | $22 + (16 - 6) =$  | 32 |
|           | h)          | $15 + 8 - 7 =$   | 16            | $15 + (8 - 7) =$   | 16 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $13 - 12 - 1 =$  | 0             | $13 - (12 - 1) =$  | 2  |
|           | b)          | $28 - 19 - 8 =$  | 1             | $28 - (19 - 8) =$  | 17 |
|           | c)          | $22 - 10 - 10 =$ | 2             | $22 - (10 - 10) =$ | 22 |
|           | d)          | $24 - 8 - 8 =$   | 8             | $24 - (8 - 8) =$   | 24 |
|           | e)          | $15 - 4 - 4 =$   | 7             | $15 - (4 - 4) =$   | 15 |
|           | f)          | $23 - 13 - 9 =$  | 1             | $23 - (13 - 9) =$  | 19 |
|           | g)          | $22 - 16 - 6 =$  | 0             | $22 - (16 - 6) =$  | 12 |
|           | h)          | $15 - 8 - 7 =$   | 0             | $15 - (8 - 7) =$   | 14 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $33 + 20 + 8 =$ | 61              | $33 + (20 + 8) =$ | 61            |  |
|    | $33 + 20 - 8 =$ | 45              | $33 + (20 - 8) =$ | 45            |  |
|    | $33 - 20 + 8 =$ | 21              | $33 - (20 + 8) =$ | 5             |  |
|    | $33 - 20 - 8 =$ | 5               | $33 - (20 - 8) =$ | 21            |  |
| b) | $24 + 3 + 3 =$  | 30              | $24 + (3 + 3) =$  | 30            |  |
|    | $24 + 3 - 3 =$  | 24              | $24 + (3 - 3) =$  | 24            |  |
|    | $24 - 3 + 3 =$  | 24              | $24 - (3 + 3) =$  | 18            |  |
|    | $24 - 3 - 3 =$  | 18              | $24 - (3 - 3) =$  | 24            |  |
| c) | $19 + 14 + 5 =$ | 38              | $19 + (14 + 5) =$ | 38            |  |
|    | $19 + 14 - 5 =$ | 28              | $19 + (14 - 5) =$ | 28            |  |
|    | $19 - 14 + 5 =$ | 10              | $19 - (14 + 5) =$ | 0             |  |
|    | $19 - 14 - 5 =$ | 0               | $19 - (14 - 5) =$ | 10            |  |
| d) | $25 + 16 + 9 =$ | 50              | $25 + (16 + 9) =$ | 50            |  |
|    | $25 + 16 - 9 =$ | 32              | $25 + (16 - 9) =$ | 32            |  |
|    | $25 - 16 + 9 =$ | 18              | $25 - (16 + 9) =$ | 0             |  |
|    | $25 - 16 - 9 =$ | 0               | $25 - (16 - 9) =$ | 18            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $28 + 10 + 10 =$ | 48 | $28 + (10 + 10) =$ | 48 |
|    | $28 + 10 - 10 =$ | 28 | $28 + (10 - 10) =$ | 28 |
|    | $28 - 10 - 10 =$ | 8  | $28 - (10 - 10) =$ | 28 |
|    | $28 - 10 + 10 =$ | 28 | $28 - (10 + 10) =$ | 8  |
| f) | $18 + 10 + 8 =$  | 36 | $18 + (10 + 8) =$  | 36 |
|    | $18 + 10 - 8 =$  | 20 | $18 + (10 - 8) =$  | 20 |
|    | $18 - 10 - 8 =$  | 0  | $18 - (10 - 8) =$  | 16 |
|    | $18 - 10 + 8 =$  | 16 | $18 - (10 + 8) =$  | 0  |
| g) | $20 + 2 + 2 =$   | 24 | $20 + (2 + 2) =$   | 24 |
|    | $20 + 2 - 2 =$   | 20 | $20 + (2 - 2) =$   | 20 |
|    | $20 - 2 + 2 =$   | 20 | $20 - (2 + 2) =$   | 16 |
|    | $20 - 2 - 2 =$   | 16 | $20 - (2 - 2) =$   | 20 |
| h) | $20 + 12 + 6 =$  | 38 | $20 + (12 + 6) =$  | 38 |
|    | $20 + 12 - 6 =$  | 26 | $20 + (12 - 6) =$  | 26 |
|    | $20 - 12 + 6 =$  | 14 | $20 - (12 + 6) =$  | 2  |
|    | $20 - 12 - 6 =$  | 2  | $20 - (12 - 6) =$  | 14 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $18 + 5 + 5 =$  | 28            | $18 + (5 + 5) =$  | 28 |
|           | b)          | $22 + 17 + 5 =$ | 44            | $22 + (17 + 5) =$ | 44 |
|           | c)          | $12 + 5 + 5 =$  | 22            | $12 + (5 + 5) =$  | 22 |
|           | d)          | $37 + 18 + 9 =$ | 64            | $37 + (18 + 9) =$ | 64 |
|           | e)          | $23 + 17 + 6 =$ | 46            | $23 + (17 + 6) =$ | 46 |
|           | f)          | $24 + 8 + 5 =$  | 37            | $24 + (8 + 5) =$  | 37 |
|           | g)          | $38 + 6 + 6 =$  | 50            | $38 + (6 + 6) =$  | 50 |
|           | h)          | $15 + 8 + 7 =$  | 30            | $15 + (8 + 7) =$  | 30 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $18 - 5 + 5 =$  | 18            | $18 - (5 + 5) =$  | 8  |
|           | b)          | $22 - 17 + 5 =$ | 10            | $22 - (17 + 5) =$ | 0  |
|           | c)          | $12 - 5 + 5 =$  | 12            | $12 - (5 + 5) =$  | 2  |
|           | d)          | $37 - 18 + 9 =$ | 28            | $37 - (18 + 9) =$ | 10 |
|           | e)          | $23 - 17 + 6 =$ | 12            | $23 - (17 + 6) =$ | 0  |
|           | f)          | $24 - 8 + 5 =$  | 21            | $24 - (8 + 5) =$  | 11 |
|           | g)          | $38 - 6 + 6 =$  | 38            | $38 - (6 + 6) =$  | 26 |
|           | h)          | $15 - 8 + 7 =$  | 14            | $15 - (8 + 7) =$  | 0  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $18 + 5 - 5 =$  | 18            | $18 + (5 - 5) =$  | 18 |
|           | b)          | $22 + 17 - 5 =$ | 34            | $22 + (17 - 5) =$ | 34 |
|           | c)          | $12 + 5 - 5 =$  | 12            | $12 + (5 - 5) =$  | 12 |
|           | d)          | $37 + 18 - 9 =$ | 46            | $37 + (18 - 9) =$ | 46 |
|           | e)          | $23 + 17 - 6 =$ | 34            | $23 + (17 - 6) =$ | 34 |
|           | f)          | $24 + 8 - 5 =$  | 27            | $24 + (8 - 5) =$  | 27 |
|           | g)          | $38 + 6 - 6 =$  | 38            | $38 + (6 - 6) =$  | 38 |
|           | h)          | $15 + 8 - 7 =$  | 16            | $15 + (8 - 7) =$  | 16 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $18 - 5 - 5 =$  | 8             | $18 - (5 - 5) =$  | 18 |
|           | b)          | $22 - 17 - 5 =$ | 0             | $22 - (17 - 5) =$ | 10 |
|           | c)          | $12 - 5 - 5 =$  | 2             | $12 - (5 - 5) =$  | 12 |
|           | d)          | $37 - 18 - 9 =$ | 10            | $37 - (18 - 9) =$ | 28 |
|           | e)          | $23 - 17 - 6 =$ | 0             | $23 - (17 - 6) =$ | 12 |
|           | f)          | $24 - 8 - 5 =$  | 11            | $24 - (8 - 5) =$  | 21 |
|           | g)          | $38 - 6 - 6 =$  | 26            | $38 - (6 - 6) =$  | 38 |
|           | h)          | $15 - 8 - 7 =$  | 0             | $15 - (8 - 7) =$  | 14 |



Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $14 + 3 + 3 =$   | 20              | $14 + (3 + 3) =$   | 20            |  |
|    | $14 + 3 - 3 =$   | 14              | $14 + (3 - 3) =$   | 14            |  |
|    | $14 - 3 + 3 =$   | 14              | $14 - (3 + 3) =$   | 8             |  |
|    | $14 - 3 - 3 =$   | 8               | $14 - (3 - 3) =$   | 14            |  |
| b) | $39 + 2 + 2 =$   | 43              | $39 + (2 + 2) =$   | 43            |  |
|    | $39 + 2 - 2 =$   | 39              | $39 + (2 - 2) =$   | 39            |  |
|    | $39 - 2 + 2 =$   | 39              | $39 - (2 + 2) =$   | 35            |  |
|    | $39 - 2 - 2 =$   | 35              | $39 - (2 - 2) =$   | 39            |  |
| c) | $26 + 16 + 10 =$ | 52              | $26 + (16 + 10) =$ | 52            |  |
|    | $26 + 16 - 10 =$ | 32              | $26 + (16 - 10) =$ | 32            |  |
|    | $26 - 16 + 10 =$ | 20              | $26 - (16 + 10) =$ | 0             |  |
|    | $26 - 16 - 10 =$ | 0               | $26 - (16 - 10) =$ | 20            |  |
| d) | $37 + 20 + 7 =$  | 64              | $37 + (20 + 7) =$  | 64            |  |
|    | $37 + 20 - 7 =$  | 50              | $37 + (20 - 7) =$  | 50            |  |
|    | $37 - 20 + 7 =$  | 24              | $37 - (20 + 7) =$  | 10            |  |
|    | $37 - 20 - 7 =$  | 10              | $37 - (20 - 7) =$  | 24            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $32 + 11 + 3 =$ | 46 | $32 + (11 + 3) =$ | 46 |
|    | $32 + 11 - 3 =$ | 40 | $32 + (11 - 3) =$ | 40 |
|    | $32 - 11 + 3 =$ | 24 | $32 - (11 - 3) =$ | 24 |
|    | $32 - 11 - 3 =$ | 18 | $32 - (11 + 3) =$ | 18 |
| f) | $20 + 12 + 8 =$ | 40 | $20 + (12 + 8) =$ | 40 |
|    | $20 + 12 - 8 =$ | 24 | $20 + (12 - 8) =$ | 24 |
|    | $20 - 12 + 8 =$ | 16 | $20 - (12 - 8) =$ | 16 |
|    | $20 - 12 - 8 =$ | 0  | $20 - (12 + 8) =$ | 0  |
| g) | $22 + 14 + 8 =$ | 44 | $22 + (14 + 8) =$ | 44 |
|    | $22 + 14 - 8 =$ | 28 | $22 + (14 - 8) =$ | 28 |
|    | $22 - 14 + 8 =$ | 16 | $22 - (14 + 8) =$ | 0  |
|    | $22 - 14 - 8 =$ | 0  | $22 - (14 - 8) =$ | 16 |
| h) | $31 + 5 + 5 =$  | 41 | $31 + (5 + 5) =$  | 41 |
|    | $31 + 5 - 5 =$  | 31 | $31 + (5 - 5) =$  | 31 |
|    | $31 - 5 + 5 =$  | 31 | $31 - (5 + 5) =$  | 21 |
|    | $31 - 5 - 5 =$  | 21 | $31 - (5 - 5) =$  | 31 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $12 + 8 + 4 =$  | 24            | $12 + (8 + 4) =$  | 24 |
|           | b)          | $13 + 1 + 1 =$  | 15            | $13 + (1 + 1) =$  | 15 |
|           | c)          | $21 + 18 + 2 =$ | 41            | $21 + (18 + 2) =$ | 41 |
|           | d)          | $6 + 1 + 1 =$   | 8             | $6 + (1 + 1) =$   | 8  |
|           | e)          | $19 + 14 + 5 =$ | 38            | $19 + (14 + 5) =$ | 38 |
|           | f)          | $19 + 6 + 6 =$  | 31            | $19 + (6 + 6) =$  | 31 |
|           | g)          | $22 + 13 + 9 =$ | 44            | $22 + (13 + 9) =$ | 44 |
|           | h)          | $29 + 18 + 9 =$ | 56            | $29 + (18 + 9) =$ | 56 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $12 - 8 + 4 =$  | 8             | $12 - (8 + 4) =$  | 0  |
|           | b)          | $13 - 1 + 1 =$  | 13            | $13 - (1 + 1) =$  | 11 |
|           | c)          | $21 - 18 + 2 =$ | 5             | $21 - (18 + 2) =$ | 1  |
|           | d)          | $6 - 1 + 1 =$   | 6             | $6 - (1 + 1) =$   | 4  |
|           | e)          | $19 - 14 + 5 =$ | 10            | $19 - (14 + 5) =$ | 0  |
|           | f)          | $19 - 6 + 6 =$  | 19            | $19 - (6 + 6) =$  | 7  |
|           | g)          | $22 - 13 + 9 =$ | 18            | $22 - (13 + 9) =$ | 0  |
|           | h)          | $29 - 18 + 9 =$ | 20            | $29 - (18 + 9) =$ | 2  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $12 + 8 - 4 =$  | 16            | $12 + (8 - 4) =$  | 16 |
|           | b)          | $13 + 1 - 1 =$  | 13            | $13 + (1 - 1) =$  | 13 |
|           | c)          | $21 + 18 - 2 =$ | 37            | $21 + (18 - 2) =$ | 37 |
|           | d)          | $6 + 1 - 1 =$   | 6             | $6 + (1 - 1) =$   | 6  |
|           | e)          | $19 + 14 - 5 =$ | 28            | $19 + (14 - 5) =$ | 28 |
|           | f)          | $19 + 6 - 6 =$  | 19            | $19 + (6 - 6) =$  | 19 |
|           | g)          | $22 + 13 - 9 =$ | 26            | $22 + (13 - 9) =$ | 26 |
|           | h)          | $29 + 18 - 9 =$ | 38            | $29 + (18 - 9) =$ | 38 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $12 - 8 - 4 =$  | 0             | $12 - (8 - 4) =$  | 8  |
|           | b)          | $13 - 1 - 1 =$  | 11            | $13 - (1 - 1) =$  | 13 |
|           | c)          | $21 - 18 - 2 =$ | 1             | $21 - (18 - 2) =$ | 5  |
|           | d)          | $6 - 1 - 1 =$   | 4             | $6 - (1 - 1) =$   | 6  |
|           | e)          | $19 - 14 - 5 =$ | 0             | $19 - (14 - 5) =$ | 10 |
|           | f)          | $19 - 6 - 6 =$  | 7             | $19 - (6 - 6) =$  | 19 |
|           | g)          | $22 - 13 - 9 =$ | 0             | $22 - (13 - 9) =$ | 18 |
|           | h)          | $29 - 18 - 9 =$ | 2             | $29 - (18 - 9) =$ | 20 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $27 + 18 + 9 =$ | 54              | $27 + (18 + 9) =$ | 54            |  |
|    | $27 + 18 - 9 =$ | 36              | $27 + (18 - 9) =$ | 36            |  |
|    | $27 - 18 + 9 =$ | 18              | $27 - (18 + 9) =$ | 0             |  |
|    | $27 - 18 - 9 =$ | 0               | $27 - (18 - 9) =$ | 18            |  |
| b) | $18 + 17 + 1 =$ | 36              | $18 + (17 + 1) =$ | 36            |  |
|    | $18 + 17 - 1 =$ | 34              | $18 + (17 - 1) =$ | 34            |  |
|    | $18 - 17 + 1 =$ | 2               | $18 - (17 + 1) =$ | 0             |  |
|    | $18 - 17 - 1 =$ | 0               | $18 - (17 - 1) =$ | 2             |  |
| c) | $20 + 6 + 6 =$  | 32              | $20 + (6 + 6) =$  | 32            |  |
|    | $20 + 6 - 6 =$  | 20              | $20 + (6 - 6) =$  | 20            |  |
|    | $20 - 6 + 6 =$  | 20              | $20 - (6 + 6) =$  | 8             |  |
|    | $20 - 6 - 6 =$  | 8               | $20 - (6 - 6) =$  | 20            |  |
| d) | $40 + 19 + 9 =$ | 68              | $40 + (19 + 9) =$ | 68            |  |
|    | $40 + 19 - 9 =$ | 50              | $40 + (19 - 9) =$ | 50            |  |
|    | $40 - 19 + 9 =$ | 30              | $40 - (19 + 9) =$ | 12            |  |
|    | $40 - 19 - 9 =$ | 12              | $40 - (19 - 9) =$ | 30            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $32 + 10 + 10 =$ | 52 | $32 + (10 + 10) =$ | 52 |
|    | $32 + 10 - 10 =$ | 32 | $32 + (10 - 10) =$ | 32 |
|    | $32 - 10 - 10 =$ | 12 | $32 - (10 - 10) =$ | 32 |
|    | $32 - 10 + 10 =$ | 32 | $32 - (10 + 10) =$ | 12 |
| f) | $19 + 10 + 9 =$  | 38 | $19 + (10 + 9) =$  | 38 |
|    | $19 + 10 - 9 =$  | 20 | $19 + (10 - 9) =$  | 20 |
|    | $19 - 10 - 9 =$  | 0  | $19 - (10 - 9) =$  | 18 |
|    | $19 - 10 + 9 =$  | 18 | $19 - (10 + 9) =$  | 0  |
| g) | $23 + 15 + 4 =$  | 42 | $23 + (15 + 4) =$  | 42 |
|    | $23 + 15 - 4 =$  | 34 | $23 + (15 - 4) =$  | 34 |
|    | $23 - 15 + 4 =$  | 12 | $23 - (15 + 4) =$  | 4  |
|    | $23 - 15 - 4 =$  | 4  | $23 - (15 - 4) =$  | 12 |
| h) | $25 + 3 + 3 =$   | 31 | $25 + (3 + 3) =$   | 31 |
|    | $25 + 3 - 3 =$   | 25 | $25 + (3 - 3) =$   | 25 |
|    | $25 - 3 + 3 =$   | 25 | $25 - (3 + 3) =$   | 19 |
|    | $25 - 3 - 3 =$   | 19 | $25 - (3 - 3) =$   | 25 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $25 + 11 + 7 =$ | 43            | $25 + (11 + 7) =$ | 43 |
|           | b)          | $11 + 4 + 4 =$  | 19            | $11 + (4 + 4) =$  | 19 |
|           | c)          | $14 + 12 + 2 =$ | 28            | $14 + (12 + 2) =$ | 28 |
|           | d)          | $40 + 6 + 6 =$  | 52            | $40 + (6 + 6) =$  | 52 |
|           | e)          | $12 + 9 + 3 =$  | 24            | $12 + (9 + 3) =$  | 24 |
|           | f)          | $21 + 10 + 3 =$ | 34            | $21 + (10 + 3) =$ | 34 |
|           | g)          | $19 + 5 + 5 =$  | 29            | $19 + (5 + 5) =$  | 29 |
|           | h)          | $25 + 16 + 9 =$ | 50            | $25 + (16 + 9) =$ | 50 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $25 - 11 + 7 =$ | 21            | $25 - (11 + 7) =$ | 7  |
|           | b)          | $11 - 4 + 4 =$  | 11            | $11 - (4 + 4) =$  | 3  |
|           | c)          | $14 - 12 + 2 =$ | 4             | $14 - (12 + 2) =$ | 0  |
|           | d)          | $40 - 6 + 6 =$  | 40            | $40 - (6 + 6) =$  | 28 |
|           | e)          | $12 - 9 + 3 =$  | 6             | $12 - (9 + 3) =$  | 0  |
|           | f)          | $21 - 10 + 3 =$ | 14            | $21 - (10 + 3) =$ | 8  |
|           | g)          | $19 - 5 + 5 =$  | 19            | $19 - (5 + 5) =$  | 9  |
|           | h)          | $25 - 16 + 9 =$ | 18            | $25 - (16 + 9) =$ | 0  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $25 + 11 - 7 =$ | 29            | $25 + (11 - 7) =$ | 29 |
|           | b)          | $11 + 4 - 4 =$  | 11            | $11 + (4 - 4) =$  | 11 |
|           | c)          | $14 + 12 - 2 =$ | 24            | $14 + (12 - 2) =$ | 24 |
|           | d)          | $40 + 6 - 6 =$  | 40            | $40 + (6 - 6) =$  | 40 |
|           | e)          | $12 + 9 - 3 =$  | 18            | $12 + (9 - 3) =$  | 18 |
|           | f)          | $21 + 10 - 3 =$ | 28            | $21 + (10 - 3) =$ | 28 |
|           | g)          | $19 + 5 - 5 =$  | 19            | $19 + (5 - 5) =$  | 19 |
|           | h)          | $25 + 16 - 9 =$ | 32            | $25 + (16 - 9) =$ | 32 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $25 - 11 - 7 =$ | 7             | $25 - (11 - 7) =$ | 21 |
|           | b)          | $11 - 4 - 4 =$  | 3             | $11 - (4 - 4) =$  | 11 |
|           | c)          | $14 - 12 - 2 =$ | 0             | $14 - (12 - 2) =$ | 4  |
|           | d)          | $40 - 6 - 6 =$  | 28            | $40 - (6 - 6) =$  | 40 |
|           | e)          | $12 - 9 - 3 =$  | 0             | $12 - (9 - 3) =$  | 6  |
|           | f)          | $21 - 10 - 3 =$ | 8             | $21 - (10 - 3) =$ | 14 |
|           | g)          | $19 - 5 - 5 =$  | 9             | $19 - (5 - 5) =$  | 19 |
|           | h)          | $25 - 16 - 9 =$ | 0             | $25 - (16 - 9) =$ | 18 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $18 + 9 + 8 =$  | 35              | $18 + (9 + 8) =$  | 35            |  |
|    | $18 + 9 - 8 =$  | 19              | $18 + (9 - 8) =$  | 19            |  |
|    | $18 - 9 + 8 =$  | 17              | $18 - (9 + 8) =$  | 1             |  |
|    | $18 - 9 - 8 =$  | 1               | $18 - (9 - 8) =$  | 17            |  |
| b) | $26 + 20 + 6 =$ | 52              | $26 + (20 + 6) =$ | 52            |  |
|    | $26 + 20 - 6 =$ | 40              | $26 + (20 - 6) =$ | 40            |  |
|    | $26 - 20 + 6 =$ | 12              | $26 - (20 + 6) =$ | 0             |  |
|    | $26 - 20 - 6 =$ | 0               | $26 - (20 - 6) =$ | 12            |  |
| c) | $26 + 9 + 9 =$  | 44              | $26 + (9 + 9) =$  | 44            |  |
|    | $26 + 9 - 9 =$  | 26              | $26 + (9 - 9) =$  | 26            |  |
|    | $26 - 9 + 9 =$  | 26              | $26 - (9 + 9) =$  | 8             |  |
|    | $26 - 9 - 9 =$  | 8               | $26 - (9 - 9) =$  | 26            |  |
| d) | $16 + 15 + 1 =$ | 32              | $16 + (15 + 1) =$ | 32            |  |
|    | $16 + 15 - 1 =$ | 30              | $16 + (15 - 1) =$ | 30            |  |
|    | $16 - 15 + 1 =$ | 2               | $16 - (15 + 1) =$ | 0             |  |
|    | $16 - 15 - 1 =$ | 0               | $16 - (15 - 1) =$ | 2             |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $18 + 6 + 3 =$  | 27 | $18 + (6 + 3) =$  | 27 |
|    | $18 + 6 - 3 =$  | 21 | $18 + (6 - 3) =$  | 21 |
|    | $18 - 6 - 3 =$  | 9  | $18 - (6 - 3) =$  | 15 |
|    | $18 - 6 + 3 =$  | 15 | $18 - (6 + 3) =$  | 9  |
| f) | $9 + 1 + 1 =$   | 11 | $9 + (1 + 1) =$   | 11 |
|    | $9 + 1 - 1 =$   | 9  | $9 + (1 - 1) =$   | 9  |
|    | $9 - 1 - 1 =$   | 7  | $9 - (1 - 1) =$   | 9  |
|    | $9 - 1 + 1 =$   | 9  | $9 - (1 + 1) =$   | 7  |
| g) | $14 + 10 + 4 =$ | 28 | $14 + (10 + 4) =$ | 28 |
|    | $14 + 10 - 4 =$ | 20 | $14 + (10 - 4) =$ | 20 |
|    | $14 - 10 + 4 =$ | 8  | $14 - (10 + 4) =$ | 0  |
|    | $14 - 10 - 4 =$ | 0  | $14 - (10 - 4) =$ | 8  |
| h) | $22 + 4 + 4 =$  | 30 | $22 + (4 + 4) =$  | 30 |
|    | $22 + 4 - 4 =$  | 22 | $22 + (4 - 4) =$  | 22 |
|    | $22 - 4 + 4 =$  | 22 | $22 - (4 + 4) =$  | 14 |
|    | $22 - 4 - 4 =$  | 14 | $22 - (4 - 4) =$  | 22 |

Esercizio 2

|           |                 | a + ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b + c | $a + b + c$     |                  | $a + (b + c)$     |                    |    |
|           | a)              | $6 + 5 + 1 =$    | 12                | $6 + (5 + 1) =$    | 12 |
|           | b)              | $30 + 18 + 9 =$  | 57                | $30 + (18 + 9) =$  | 57 |
|           | c)              | $20 + 18 + 2 =$  | 40                | $20 + (18 + 2) =$  | 40 |
|           | d)              | $11 + 6 + 5 =$   | 22                | $11 + (6 + 5) =$   | 22 |
|           | e)              | $30 + 10 + 10 =$ | 50                | $30 + (10 + 10) =$ | 50 |
|           | f)              | $40 + 10 + 10 =$ | 60                | $40 + (10 + 10) =$ | 60 |
|           | g)              | $40 + 10 + 10 =$ | 60                | $40 + (10 + 10) =$ | 60 |
| h)        | $40 + 15 + 9 =$ | 64               | $40 + (15 + 9) =$ | 64                 |    |

|           |                 | a - ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b - c | $a - b + c$     |                  | $a - (b + c)$     |                    |    |
|           | a)              | $6 - 5 + 1 =$    | 2                 | $6 - (5 + 1) =$    | 0  |
|           | b)              | $30 - 18 + 9 =$  | 21                | $30 - (18 + 9) =$  | 3  |
|           | c)              | $20 - 18 + 2 =$  | 4                 | $20 - (18 + 2) =$  | 0  |
|           | d)              | $11 - 6 + 5 =$   | 10                | $11 - (6 + 5) =$   | 0  |
|           | e)              | $30 - 10 + 10 =$ | 30                | $30 - (10 + 10) =$ | 10 |
|           | f)              | $40 - 10 + 10 =$ | 40                | $40 - (10 + 10) =$ | 20 |
|           | g)              | $40 - 10 + 10 =$ | 40                | $40 - (10 + 10) =$ | 20 |
| h)        | $40 - 15 + 9 =$ | 34               | $40 - (15 + 9) =$ | 16                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a + b - c$     |                  | $a + (b - c)$     |                    |    |
|           | a)              | $6 + 5 - 1 =$    | 10                | $6 + (5 - 1) =$    | 10 |
|           | b)              | $30 + 18 - 9 =$  | 39                | $30 + (18 - 9) =$  | 39 |
|           | c)              | $20 + 18 - 2 =$  | 36                | $20 + (18 - 2) =$  | 36 |
|           | d)              | $11 + 6 - 5 =$   | 12                | $11 + (6 - 5) =$   | 12 |
|           | e)              | $30 + 10 - 10 =$ | 30                | $30 + (10 - 10) =$ | 30 |
|           | f)              | $40 + 10 - 10 =$ | 40                | $40 + (10 - 10) =$ | 40 |
|           | g)              | $40 + 10 - 10 =$ | 40                | $40 + (10 - 10) =$ | 40 |
| h)        | $40 + 15 - 9 =$ | 46               | $40 + (15 - 9) =$ | 46                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a - b - c$     |                  | $a - (b - c)$     |                    |    |
|           | a)              | $6 - 5 - 1 =$    | 0                 | $6 - (5 - 1) =$    | 2  |
|           | b)              | $30 - 18 - 9 =$  | 3                 | $30 - (18 - 9) =$  | 21 |
|           | c)              | $20 - 18 - 2 =$  | 0                 | $20 - (18 - 2) =$  | 4  |
|           | d)              | $11 - 6 - 5 =$   | 0                 | $11 - (6 - 5) =$   | 10 |
|           | e)              | $30 - 10 - 10 =$ | 10                | $30 - (10 - 10) =$ | 30 |
|           | f)              | $40 - 10 - 10 =$ | 20                | $40 - (10 - 10) =$ | 40 |
|           | g)              | $40 - 10 - 10 =$ | 20                | $40 - (10 - 10) =$ | 40 |
| h)        | $40 - 15 - 9 =$ | 16               | $40 - (15 - 9) =$ | 34                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $11 + 3 + 3 =$   | 17              | $11 + (3 + 3) =$   | 17            |  |
|    | $11 + 3 - 3 =$   | 11              | $11 + (3 - 3) =$   | 11            |  |
|    | $11 - 3 + 3 =$   | 11              | $11 - (3 + 3) =$   | 5             |  |
|    | $11 - 3 - 3 =$   | 5               | $11 - (3 - 3) =$   | 11            |  |
| b) | $25 + 1 + 1 =$   | 27              | $25 + (1 + 1) =$   | 27            |  |
|    | $25 + 1 - 1 =$   | 25              | $25 + (1 - 1) =$   | 25            |  |
|    | $25 - 1 + 1 =$   | 25              | $25 - (1 + 1) =$   | 23            |  |
|    | $25 - 1 - 1 =$   | 23              | $25 - (1 - 1) =$   | 25            |  |
| c) | $21 + 15 + 6 =$  | 42              | $21 + (15 + 6) =$  | 42            |  |
|    | $21 + 15 - 6 =$  | 30              | $21 + (15 - 6) =$  | 30            |  |
|    | $21 - 15 + 6 =$  | 12              | $21 - (15 + 6) =$  | 0             |  |
|    | $21 - 15 - 6 =$  | 0               | $21 - (15 - 6) =$  | 12            |  |
| d) | $30 + 16 + 10 =$ | 56              | $30 + (16 + 10) =$ | 56            |  |
|    | $30 + 16 - 10 =$ | 36              | $30 + (16 - 10) =$ | 36            |  |
|    | $30 - 16 + 10 =$ | 24              | $30 - (16 + 10) =$ | 4             |  |
|    | $30 - 16 - 10 =$ | 4               | $30 - (16 - 10) =$ | 24            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $39 + 12 + 5 =$ | 56 | $39 + (12 + 5) =$ | 56 |
|    | $39 + 12 - 5 =$ | 46 | $39 + (12 - 5) =$ | 46 |
|    | $39 - 12 + 5 =$ | 22 | $39 - (12 - 5) =$ | 32 |
|    | $39 - 12 - 5 =$ | 32 | $39 - (12 + 5) =$ | 22 |
| f) | $24 + 20 + 4 =$ | 48 | $24 + (20 + 4) =$ | 48 |
|    | $24 + 20 - 4 =$ | 40 | $24 + (20 - 4) =$ | 40 |
|    | $24 - 20 + 4 =$ | 0  | $24 - (20 - 4) =$ | 8  |
|    | $24 - 20 - 4 =$ | 8  | $24 - (20 + 4) =$ | 0  |
| g) | $9 + 7 + 2 =$   | 18 | $9 + (7 + 2) =$   | 18 |
|    | $9 + 7 - 2 =$   | 14 | $9 + (7 - 2) =$   | 14 |
|    | $9 - 7 + 2 =$   | 4  | $9 - (7 + 2) =$   | 0  |
|    | $9 - 7 - 2 =$   | 0  | $9 - (7 - 2) =$   | 4  |
| h) | $29 + 4 + 4 =$  | 37 | $29 + (4 + 4) =$  | 37 |
|    | $29 + 4 - 4 =$  | 29 | $29 + (4 - 4) =$  | 29 |
|    | $29 - 4 + 4 =$  | 29 | $29 - (4 + 4) =$  | 21 |
|    | $29 - 4 - 4 =$  | 21 | $29 - (4 - 4) =$  | 29 |

Esercizio 2

|           |                 | a + ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b + c | $a + b + c$     |                  | $a + (b + c)$     |                    |    |
|           | a)              | $14 + 9 + 5 =$   | 28                | $14 + (9 + 5) =$   | 28 |
|           | b)              | $24 + 10 + 10 =$ | 44                | $24 + (10 + 10) =$ | 44 |
|           | c)              | $24 + 4 + 4 =$   | 32                | $24 + (4 + 4) =$   | 32 |
|           | d)              | $36 + 14 + 8 =$  | 58                | $36 + (14 + 8) =$  | 58 |
|           | e)              | $25 + 7 + 7 =$   | 39                | $25 + (7 + 7) =$   | 39 |
|           | f)              | $18 + 11 + 7 =$  | 36                | $18 + (11 + 7) =$  | 36 |
|           | g)              | $17 + 9 + 8 =$   | 34                | $17 + (9 + 8) =$   | 34 |
| h)        | $38 + 13 + 8 =$ | 59               | $38 + (13 + 8) =$ | 59                 |    |

|           |                 | a - ...          |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
|           |                 | senza parentesi  | con parentesi     |                    |    |
| ... b - c | $a - b + c$     |                  | $a - (b + c)$     |                    |    |
|           | a)              | $14 - 9 + 5 =$   | 10                | $14 - (9 + 5) =$   | 0  |
|           | b)              | $24 - 10 + 10 =$ | 24                | $24 - (10 + 10) =$ | 4  |
|           | c)              | $24 - 4 + 4 =$   | 24                | $24 - (4 + 4) =$   | 16 |
|           | d)              | $36 - 14 + 8 =$  | 30                | $36 - (14 + 8) =$  | 14 |
|           | e)              | $25 - 7 + 7 =$   | 25                | $25 - (7 + 7) =$   | 11 |
|           | f)              | $18 - 11 + 7 =$  | 14                | $18 - (11 + 7) =$  | 0  |
|           | g)              | $17 - 9 + 8 =$   | 16                | $17 - (9 + 8) =$   | 0  |
| h)        | $38 - 13 + 8 =$ | 33               | $38 - (13 + 8) =$ | 17                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a + b - c$     |                  | $a + (b - c)$     |                    |    |
|           | a)              | $14 + 9 - 5 =$   | 18                | $14 + (9 - 5) =$   | 18 |
|           | b)              | $24 + 10 - 10 =$ | 24                | $24 + (10 - 10) =$ | 24 |
|           | c)              | $24 + 4 - 4 =$   | 24                | $24 + (4 - 4) =$   | 24 |
|           | d)              | $36 + 14 - 8 =$  | 42                | $36 + (14 - 8) =$  | 42 |
|           | e)              | $25 + 7 - 7 =$   | 25                | $25 + (7 - 7) =$   | 25 |
|           | f)              | $18 + 11 - 7 =$  | 22                | $18 + (11 - 7) =$  | 22 |
|           | g)              | $17 + 9 - 8 =$   | 18                | $17 + (9 - 8) =$   | 18 |
| h)        | $38 + 13 - 8 =$ | 43               | $38 + (13 - 8) =$ | 43                 |    |

|           |                 |                  |                   |                    |    |
|-----------|-----------------|------------------|-------------------|--------------------|----|
| ... b - c | $a - b - c$     |                  | $a - (b - c)$     |                    |    |
|           | a)              | $14 - 9 - 5 =$   | 0                 | $14 - (9 - 5) =$   | 10 |
|           | b)              | $24 - 10 - 10 =$ | 4                 | $24 - (10 - 10) =$ | 24 |
|           | c)              | $24 - 4 - 4 =$   | 16                | $24 - (4 - 4) =$   | 24 |
|           | d)              | $36 - 14 - 8 =$  | 14                | $36 - (14 - 8) =$  | 30 |
|           | e)              | $25 - 7 - 7 =$   | 11                | $25 - (7 - 7) =$   | 25 |
|           | f)              | $18 - 11 - 7 =$  | 0                 | $18 - (11 - 7) =$  | 14 |
|           | g)              | $17 - 9 - 8 =$   | 0                 | $17 - (9 - 8) =$   | 16 |
| h)        | $38 - 13 - 8 =$ | 17               | $38 - (13 - 8) =$ | 33                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $18 + 3 + 3 =$  | 24              | $18 + (3 + 3) =$  | 24            |  |
|    | $18 + 3 - 3 =$  | 18              | $18 + (3 - 3) =$  | 18            |  |
|    | $18 - 3 + 3 =$  | 18              | $18 - (3 + 3) =$  | 12            |  |
|    | $18 - 3 - 3 =$  | 12              | $18 - (3 - 3) =$  | 18            |  |
| b) | $33 + 1 + 1 =$  | 35              | $33 + (1 + 1) =$  | 35            |  |
|    | $33 + 1 - 1 =$  | 33              | $33 + (1 - 1) =$  | 33            |  |
|    | $33 - 1 + 1 =$  | 33              | $33 - (1 + 1) =$  | 31            |  |
|    | $33 - 1 - 1 =$  | 31              | $33 - (1 - 1) =$  | 33            |  |
| c) | $13 + 11 + 2 =$ | 26              | $13 + (11 + 2) =$ | 26            |  |
|    | $13 + 11 - 2 =$ | 22              | $13 + (11 - 2) =$ | 22            |  |
|    | $13 - 11 + 2 =$ | 4               | $13 - (11 + 2) =$ | 0             |  |
|    | $13 - 11 - 2 =$ | 0               | $13 - (11 - 2) =$ | 4             |  |
| d) | $31 + 9 + 7 =$  | 47              | $31 + (9 + 7) =$  | 47            |  |
|    | $31 + 9 - 7 =$  | 33              | $31 + (9 - 7) =$  | 33            |  |
|    | $31 - 9 + 7 =$  | 29              | $31 - (9 + 7) =$  | 15            |  |
|    | $31 - 9 - 7 =$  | 15              | $31 - (9 - 7) =$  | 29            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $21 + 1 + 1 =$  | 23 | $21 + (1 + 1) =$  | 23 |
|    | $21 + 1 - 1 =$  | 21 | $21 + (1 - 1) =$  | 21 |
|    | $21 - 1 - 1 =$  | 19 | $21 - (1 - 1) =$  | 21 |
|    | $21 - 1 + 1 =$  | 21 | $21 - (1 + 1) =$  | 19 |
| f) | $18 + 15 + 3 =$ | 36 | $18 + (15 + 3) =$ | 36 |
|    | $18 + 15 - 3 =$ | 30 | $18 + (15 - 3) =$ | 30 |
|    | $18 - 15 - 3 =$ | 0  | $18 - (15 - 3) =$ | 6  |
|    | $18 - 15 + 3 =$ | 6  | $18 - (15 + 3) =$ | 0  |
| g) | $27 + 18 + 4 =$ | 49 | $27 + (18 + 4) =$ | 49 |
|    | $27 + 18 - 4 =$ | 41 | $27 + (18 - 4) =$ | 41 |
|    | $27 - 18 + 4 =$ | 13 | $27 - (18 + 4) =$ | 5  |
|    | $27 - 18 - 4 =$ | 5  | $27 - (18 - 4) =$ | 13 |
| h) | $6 + 5 + 1 =$   | 12 | $6 + (5 + 1) =$   | 12 |
|    | $6 + 5 - 1 =$   | 10 | $6 + (5 - 1) =$   | 10 |
|    | $6 - 5 + 1 =$   | 2  | $6 - (5 + 1) =$   | 0  |
|    | $6 - 5 - 1 =$   | 0  | $6 - (5 - 1) =$   | 2  |

Esercizio 2

|           |                | a + ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b + c | $a + b + c$    |                  | $a + (b + c)$    |                    |    |
|           | a)             | $27 + 17 + 10 =$ | 54               | $27 + (17 + 10) =$ | 54 |
|           | b)             | $27 + 13 + 3 =$  | 43               | $27 + (13 + 3) =$  | 43 |
|           | c)             | $33 + 7 + 7 =$   | 47               | $33 + (7 + 7) =$   | 47 |
|           | d)             | $5 + 3 + 2 =$    | 10               | $5 + (3 + 2) =$    | 10 |
|           | e)             | $32 + 13 + 8 =$  | 53               | $32 + (13 + 8) =$  | 53 |
|           | f)             | $37 + 10 + 10 =$ | 57               | $37 + (10 + 10) =$ | 57 |
|           | g)             | $18 + 17 + 1 =$  | 36               | $18 + (17 + 1) =$  | 36 |
| h)        | $39 + 8 + 8 =$ | 55               | $39 + (8 + 8) =$ | 55                 |    |

|           |                | a - ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b - c | $a - b + c$    |                  | $a - (b + c)$    |                    |    |
|           | a)             | $27 - 17 + 10 =$ | 20               | $27 - (17 + 10) =$ | 0  |
|           | b)             | $27 - 13 + 3 =$  | 17               | $27 - (13 + 3) =$  | 11 |
|           | c)             | $33 - 7 + 7 =$   | 33               | $33 - (7 + 7) =$   | 19 |
|           | d)             | $5 - 3 + 2 =$    | 4                | $5 - (3 + 2) =$    | 0  |
|           | e)             | $32 - 13 + 8 =$  | 27               | $32 - (13 + 8) =$  | 11 |
|           | f)             | $37 - 10 + 10 =$ | 37               | $37 - (10 + 10) =$ | 17 |
|           | g)             | $18 - 17 + 1 =$  | 2                | $18 - (17 + 1) =$  | 0  |
| h)        | $39 - 8 + 8 =$ | 39               | $39 - (8 + 8) =$ | 23                 |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a + b - c$    |                  | $a + (b - c)$    |                    |    |
|           | a)             | $27 + 17 - 10 =$ | 34               | $27 + (17 - 10) =$ | 34 |
|           | b)             | $27 + 13 - 3 =$  | 37               | $27 + (13 - 3) =$  | 37 |
|           | c)             | $33 + 7 - 7 =$   | 33               | $33 + (7 - 7) =$   | 33 |
|           | d)             | $5 + 3 - 2 =$    | 6                | $5 + (3 - 2) =$    | 6  |
|           | e)             | $32 + 13 - 8 =$  | 37               | $32 + (13 - 8) =$  | 37 |
|           | f)             | $37 + 10 - 10 =$ | 37               | $37 + (10 - 10) =$ | 37 |
|           | g)             | $18 + 17 - 1 =$  | 34               | $18 + (17 - 1) =$  | 34 |
| h)        | $39 + 8 - 8 =$ | 39               | $39 + (8 - 8) =$ | 39                 |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a - b - c$    |                  | $a - (b - c)$    |                    |    |
|           | a)             | $27 - 17 - 10 =$ | 0                | $27 - (17 - 10) =$ | 20 |
|           | b)             | $27 - 13 - 3 =$  | 11               | $27 - (13 - 3) =$  | 17 |
|           | c)             | $33 - 7 - 7 =$   | 19               | $33 - (7 - 7) =$   | 33 |
|           | d)             | $5 - 3 - 2 =$    | 0                | $5 - (3 - 2) =$    | 4  |
|           | e)             | $32 - 13 - 8 =$  | 11               | $32 - (13 - 8) =$  | 27 |
|           | f)             | $37 - 10 - 10 =$ | 17               | $37 - (10 - 10) =$ | 37 |
|           | g)             | $18 - 17 - 1 =$  | 0                | $18 - (17 - 1) =$  | 2  |
| h)        | $39 - 8 - 8 =$ | 23               | $39 - (8 - 8) =$ | 39                 |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $30 + 17 + 8 =$ | 55              | $30 + (17 + 8) =$ | 55            |  |
|    | $30 + 17 - 8 =$ | 39              | $30 + (17 - 8) =$ | 39            |  |
|    | $30 - 17 + 8 =$ | 21              | $30 - (17 + 8) =$ | 5             |  |
|    | $30 - 17 - 8 =$ | 5               | $30 - (17 - 8) =$ | 21            |  |
| b) | $22 + 13 + 9 =$ | 44              | $22 + (13 + 9) =$ | 44            |  |
|    | $22 + 13 - 9 =$ | 26              | $22 + (13 - 9) =$ | 26            |  |
|    | $22 - 13 + 9 =$ | 18              | $22 - (13 + 9) =$ | 0             |  |
|    | $22 - 13 - 9 =$ | 0               | $22 - (13 - 9) =$ | 18            |  |
| c) | $31 + 6 + 6 =$  | 43              | $31 + (6 + 6) =$  | 43            |  |
|    | $31 + 6 - 6 =$  | 31              | $31 + (6 - 6) =$  | 31            |  |
|    | $31 - 6 + 6 =$  | 31              | $31 - (6 + 6) =$  | 19            |  |
|    | $31 - 6 - 6 =$  | 19              | $31 - (6 - 6) =$  | 31            |  |
| d) | $16 + 14 + 2 =$ | 32              | $16 + (14 + 2) =$ | 32            |  |
|    | $16 + 14 - 2 =$ | 28              | $16 + (14 - 2) =$ | 28            |  |
|    | $16 - 14 + 2 =$ | 4               | $16 - (14 + 2) =$ | 0             |  |
|    | $16 - 14 - 2 =$ | 0               | $16 - (14 - 2) =$ | 4             |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $25 + 7 + 7 =$  | 39 | $25 + (7 + 7) =$  | 39 |
|    | $25 + 7 - 7 =$  | 25 | $25 + (7 - 7) =$  | 25 |
|    | $25 - 7 - 7 =$  | 11 | $25 - (7 - 7) =$  | 25 |
|    | $25 - 7 + 7 =$  | 25 | $25 - (7 + 7) =$  | 11 |
| f) | $31 + 5 + 1 =$  | 37 | $31 + (5 + 1) =$  | 37 |
|    | $31 + 5 - 1 =$  | 35 | $31 + (5 - 1) =$  | 35 |
|    | $31 - 5 - 1 =$  | 25 | $31 - (5 - 1) =$  | 27 |
|    | $31 - 5 + 1 =$  | 27 | $31 - (5 + 1) =$  | 25 |
| g) | $30 + 6 + 6 =$  | 42 | $30 + (6 + 6) =$  | 42 |
|    | $30 + 6 - 6 =$  | 30 | $30 + (6 - 6) =$  | 30 |
|    | $30 - 6 + 6 =$  | 30 | $30 - (6 + 6) =$  | 18 |
|    | $30 - 6 - 6 =$  | 18 | $30 - (6 - 6) =$  | 30 |
| h) | $18 + 12 + 6 =$ | 36 | $18 + (12 + 6) =$ | 36 |
|    | $18 + 12 - 6 =$ | 24 | $18 + (12 - 6) =$ | 24 |
|    | $18 - 12 + 6 =$ | 12 | $18 - (12 + 6) =$ | 0  |
|    | $18 - 12 - 6 =$ | 0  | $18 - (12 - 6) =$ | 12 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $25 + 15 + 1 =$ | 41            | $25 + (15 + 1) =$ | 41 |
|           | b)          | $19 + 12 + 7 =$ | 38            | $19 + (12 + 7) =$ | 38 |
|           | c)          | $19 + 10 + 9 =$ | 38            | $19 + (10 + 9) =$ | 38 |
|           | d)          | $16 + 7 + 7 =$  | 30            | $16 + (7 + 7) =$  | 30 |
|           | e)          | $11 + 6 + 2 =$  | 19            | $11 + (6 + 2) =$  | 19 |
|           | f)          | $38 + 9 + 9 =$  | 56            | $38 + (9 + 9) =$  | 56 |
|           | g)          | $11 + 9 + 2 =$  | 22            | $11 + (9 + 2) =$  | 22 |
|           | h)          | $28 + 9 + 9 =$  | 46            | $28 + (9 + 9) =$  | 46 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $25 - 15 + 1 =$ | 11            | $25 - (15 + 1) =$ | 9  |
|           | b)          | $19 - 12 + 7 =$ | 14            | $19 - (12 + 7) =$ | 0  |
|           | c)          | $19 - 10 + 9 =$ | 18            | $19 - (10 + 9) =$ | 0  |
|           | d)          | $16 - 7 + 7 =$  | 16            | $16 - (7 + 7) =$  | 2  |
|           | e)          | $11 - 6 + 2 =$  | 7             | $11 - (6 + 2) =$  | 3  |
|           | f)          | $38 - 9 + 9 =$  | 38            | $38 - (9 + 9) =$  | 20 |
|           | g)          | $11 - 9 + 2 =$  | 4             | $11 - (9 + 2) =$  | 0  |
|           | h)          | $28 - 9 + 9 =$  | 28            | $28 - (9 + 9) =$  | 10 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $25 + 15 - 1 =$ | 39            | $25 + (15 - 1) =$ | 39 |
|           | b)          | $19 + 12 - 7 =$ | 24            | $19 + (12 - 7) =$ | 24 |
|           | c)          | $19 + 10 - 9 =$ | 20            | $19 + (10 - 9) =$ | 20 |
|           | d)          | $16 + 7 - 7 =$  | 16            | $16 + (7 - 7) =$  | 16 |
|           | e)          | $11 + 6 - 2 =$  | 15            | $11 + (6 - 2) =$  | 15 |
|           | f)          | $38 + 9 - 9 =$  | 38            | $38 + (9 - 9) =$  | 38 |
|           | g)          | $11 + 9 - 2 =$  | 18            | $11 + (9 - 2) =$  | 18 |
|           | h)          | $28 + 9 - 9 =$  | 28            | $28 + (9 - 9) =$  | 28 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $25 - 15 - 1 =$ | 9             | $25 - (15 - 1) =$ | 11 |
|           | b)          | $19 - 12 - 7 =$ | 0             | $19 - (12 - 7) =$ | 14 |
|           | c)          | $19 - 10 - 9 =$ | 0             | $19 - (10 - 9) =$ | 18 |
|           | d)          | $16 - 7 - 7 =$  | 2             | $16 - (7 - 7) =$  | 16 |
|           | e)          | $11 - 6 - 2 =$  | 3             | $11 - (6 - 2) =$  | 7  |
|           | f)          | $38 - 9 - 9 =$  | 20            | $38 - (9 - 9) =$  | 38 |
|           | g)          | $11 - 9 - 2 =$  | 0             | $11 - (9 - 2) =$  | 4  |
|           | h)          | $28 - 9 - 9 =$  | 10            | $28 - (9 - 9) =$  | 28 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    | senza parentesi |    | con parentesi     |    |
|----|-----------------|----|-------------------|----|
| a) | $32 + 19 + 5 =$ | 56 | $32 + (19 + 5) =$ | 56 |
|    | $32 + 19 - 5 =$ | 46 | $32 + (19 - 5) =$ | 46 |
|    | $32 - 19 + 5 =$ | 18 | $32 - (19 + 5) =$ | 8  |
|    | $32 - 19 - 5 =$ | 8  | $32 - (19 - 5) =$ | 18 |
| b) | $20 + 14 + 6 =$ | 40 | $20 + (14 + 6) =$ | 40 |
|    | $20 + 14 - 6 =$ | 28 | $20 + (14 - 6) =$ | 28 |
|    | $20 - 14 + 6 =$ | 12 | $20 - (14 + 6) =$ | 0  |
|    | $20 - 14 - 6 =$ | 0  | $20 - (14 - 6) =$ | 12 |
| c) | $35 + 8 + 8 =$  | 51 | $35 + (8 + 8) =$  | 51 |
|    | $35 + 8 - 8 =$  | 35 | $35 + (8 - 8) =$  | 35 |
|    | $35 - 8 + 8 =$  | 35 | $35 - (8 + 8) =$  | 19 |
|    | $35 - 8 - 8 =$  | 19 | $35 - (8 - 8) =$  | 35 |
| d) | $22 + 13 + 1 =$ | 36 | $22 + (13 + 1) =$ | 36 |
|    | $22 + 13 - 1 =$ | 34 | $22 + (13 - 1) =$ | 34 |
|    | $22 - 13 + 1 =$ | 10 | $22 - (13 + 1) =$ | 8  |
|    | $22 - 13 - 1 =$ | 8  | $22 - (13 - 1) =$ | 10 |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $24 + 16 + 8 =$ | 48 | $24 + (16 + 8) =$ | 48 |
|    | $24 + 16 - 8 =$ | 32 | $24 + (16 - 8) =$ | 32 |
|    | $24 - 16 - 8 =$ | 0  | $24 - (16 - 8) =$ | 16 |
|    | $24 - 16 + 8 =$ | 16 | $24 - (16 + 8) =$ | 0  |
| f) | $24 + 1 + 1 =$  | 26 | $24 + (1 + 1) =$  | 26 |
|    | $24 + 1 - 1 =$  | 24 | $24 + (1 - 1) =$  | 24 |
|    | $24 - 1 - 1 =$  | 22 | $24 - (1 - 1) =$  | 24 |
|    | $24 - 1 + 1 =$  | 24 | $24 - (1 + 1) =$  | 22 |
| g) | $18 + 12 + 6 =$ | 36 | $18 + (12 + 6) =$ | 36 |
|    | $18 + 12 - 6 =$ | 24 | $18 + (12 - 6) =$ | 24 |
|    | $18 - 12 + 6 =$ | 12 | $18 - (12 + 6) =$ | 0  |
|    | $18 - 12 - 6 =$ | 0  | $18 - (12 - 6) =$ | 12 |
| h) | $29 + 1 + 1 =$  | 31 | $29 + (1 + 1) =$  | 31 |
|    | $29 + 1 - 1 =$  | 29 | $29 + (1 - 1) =$  | 29 |
|    | $29 - 1 + 1 =$  | 29 | $29 - (1 + 1) =$  | 27 |
|    | $29 - 1 - 1 =$  | 27 | $29 - (1 - 1) =$  | 29 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $31 + 7 + 7 =$  | 45            | $31 + (7 + 7) =$  | 45 |
|           | b)          | $10 + 2 + 2 =$  | 14            | $10 + (2 + 2) =$  | 14 |
|           | c)          | $33 + 9 + 2 =$  | 44            | $33 + (9 + 2) =$  | 44 |
|           | d)          | $10 + 9 + 1 =$  | 20            | $10 + (9 + 1) =$  | 20 |
|           | e)          | $26 + 17 + 2 =$ | 45            | $26 + (17 + 2) =$ | 45 |
|           | f)          | $10 + 7 + 3 =$  | 20            | $10 + (7 + 3) =$  | 20 |
|           | g)          | $33 + 1 + 1 =$  | 35            | $33 + (1 + 1) =$  | 35 |
|           | h)          | $19 + 12 + 7 =$ | 38            | $19 + (12 + 7) =$ | 38 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $31 - 7 + 7 =$  | 31            | $31 - (7 + 7) =$  | 17 |
|           | b)          | $10 - 2 + 2 =$  | 10            | $10 - (2 + 2) =$  | 6  |
|           | c)          | $33 - 9 + 2 =$  | 26            | $33 - (9 + 2) =$  | 22 |
|           | d)          | $10 - 9 + 1 =$  | 2             | $10 - (9 + 1) =$  | 0  |
|           | e)          | $26 - 17 + 2 =$ | 11            | $26 - (17 + 2) =$ | 7  |
|           | f)          | $10 - 7 + 3 =$  | 6             | $10 - (7 + 3) =$  | 0  |
|           | g)          | $33 - 1 + 1 =$  | 33            | $33 - (1 + 1) =$  | 31 |
|           | h)          | $19 - 12 + 7 =$ | 14            | $19 - (12 + 7) =$ | 0  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $31 + 7 - 7 =$  | 31            | $31 + (7 - 7) =$  | 31 |
|           | b)          | $10 + 2 - 2 =$  | 10            | $10 + (2 - 2) =$  | 10 |
|           | c)          | $33 + 9 - 2 =$  | 40            | $33 + (9 - 2) =$  | 40 |
|           | d)          | $10 + 9 - 1 =$  | 18            | $10 + (9 - 1) =$  | 18 |
|           | e)          | $26 + 17 - 2 =$ | 41            | $26 + (17 - 2) =$ | 41 |
|           | f)          | $10 + 7 - 3 =$  | 14            | $10 + (7 - 3) =$  | 14 |
|           | g)          | $33 + 1 - 1 =$  | 33            | $33 + (1 - 1) =$  | 33 |
|           | h)          | $19 + 12 - 7 =$ | 24            | $19 + (12 - 7) =$ | 24 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $31 - 7 - 7 =$  | 17            | $31 - (7 - 7) =$  | 31 |
|           | b)          | $10 - 2 - 2 =$  | 6             | $10 - (2 - 2) =$  | 10 |
|           | c)          | $33 - 9 - 2 =$  | 22            | $33 - (9 - 2) =$  | 26 |
|           | d)          | $10 - 9 - 1 =$  | 0             | $10 - (9 - 1) =$  | 2  |
|           | e)          | $26 - 17 - 2 =$ | 7             | $26 - (17 - 2) =$ | 11 |
|           | f)          | $10 - 7 - 3 =$  | 0             | $10 - (7 - 3) =$  | 6  |
|           | g)          | $33 - 1 - 1 =$  | 31            | $33 - (1 - 1) =$  | 33 |
|           | h)          | $19 - 12 - 7 =$ | 0             | $19 - (12 - 7) =$ | 14 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $40 + 6 + 6 =$  | 52              | $40 + (6 + 6) =$  | 52            |  |
|    | $40 + 6 - 6 =$  | 40              | $40 + (6 - 6) =$  | 40            |  |
|    | $40 - 6 + 6 =$  | 40              | $40 - (6 + 6) =$  | 28            |  |
|    | $40 - 6 - 6 =$  | 28              | $40 - (6 - 6) =$  | 40            |  |
| b) | $37 + 3 + 3 =$  | 43              | $37 + (3 + 3) =$  | 43            |  |
|    | $37 + 3 - 3 =$  | 37              | $37 + (3 - 3) =$  | 37            |  |
|    | $37 - 3 + 3 =$  | 37              | $37 - (3 + 3) =$  | 31            |  |
|    | $37 - 3 - 3 =$  | 31              | $37 - (3 - 3) =$  | 37            |  |
| c) | $25 + 10 + 7 =$ | 42              | $25 + (10 + 7) =$ | 42            |  |
|    | $25 + 10 - 7 =$ | 28              | $25 + (10 - 7) =$ | 28            |  |
|    | $25 - 10 + 7 =$ | 22              | $25 - (10 + 7) =$ | 8             |  |
|    | $25 - 10 - 7 =$ | 8               | $25 - (10 - 7) =$ | 22            |  |
| d) | $24 + 19 + 5 =$ | 48              | $24 + (19 + 5) =$ | 48            |  |
|    | $24 + 19 - 5 =$ | 38              | $24 + (19 - 5) =$ | 38            |  |
|    | $24 - 19 + 5 =$ | 10              | $24 - (19 + 5) =$ | 0             |  |
|    | $24 - 19 - 5 =$ | 0               | $24 - (19 - 5) =$ | 10            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $27 + 17 + 10 =$ | 54 | $27 + (17 + 10) =$ | 54 |
|    | $27 + 17 - 10 =$ | 34 | $27 + (17 - 10) =$ | 34 |
|    | $27 - 17 + 10 =$ | 20 | $27 - (17 - 10) =$ | 20 |
|    | $27 - 17 - 10 =$ | 0  | $27 - (17 + 10) =$ | 0  |
| f) | $33 + 2 + 2 =$   | 37 | $33 + (2 + 2) =$   | 37 |
|    | $33 + 2 - 2 =$   | 33 | $33 + (2 - 2) =$   | 33 |
|    | $33 - 2 - 2 =$   | 29 | $33 - (2 - 2) =$   | 33 |
|    | $33 - 2 + 2 =$   | 33 | $33 - (2 + 2) =$   | 29 |
| g) | $36 + 17 + 2 =$  | 55 | $36 + (17 + 2) =$  | 55 |
|    | $36 + 17 - 2 =$  | 51 | $36 + (17 - 2) =$  | 51 |
|    | $36 - 17 + 2 =$  | 21 | $36 - (17 + 2) =$  | 17 |
|    | $36 - 17 - 2 =$  | 17 | $36 - (17 - 2) =$  | 21 |
| h) | $23 + 14 + 9 =$  | 46 | $23 + (14 + 9) =$  | 46 |
|    | $23 + 14 - 9 =$  | 28 | $23 + (14 - 9) =$  | 28 |
|    | $23 - 14 + 9 =$  | 18 | $23 - (14 + 9) =$  | 0  |
|    | $23 - 14 - 9 =$  | 0  | $23 - (14 - 9) =$  | 18 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $15 + 7 + 7 =$  | 29            | $15 + (7 + 7) =$  | 29 |
|           | b)          | $20 + 15 + 5 =$ | 40            | $20 + (15 + 5) =$ | 40 |
|           | c)          | $6 + 1 + 1 =$   | 8             | $6 + (1 + 1) =$   | 8  |
|           | d)          | $16 + 9 + 7 =$  | 32            | $16 + (9 + 7) =$  | 32 |
|           | e)          | $28 + 17 + 3 =$ | 48            | $28 + (17 + 3) =$ | 48 |
|           | f)          | $19 + 10 + 7 =$ | 36            | $19 + (10 + 7) =$ | 36 |
|           | g)          | $14 + 10 + 4 =$ | 28            | $14 + (10 + 4) =$ | 28 |
|           | h)          | $26 + 5 + 5 =$  | 36            | $26 + (5 + 5) =$  | 36 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $15 - 7 + 7 =$  | 15            | $15 - (7 + 7) =$  | 1  |
|           | b)          | $20 - 15 + 5 =$ | 10            | $20 - (15 + 5) =$ | 0  |
|           | c)          | $6 - 1 + 1 =$   | 6             | $6 - (1 + 1) =$   | 4  |
|           | d)          | $16 - 9 + 7 =$  | 14            | $16 - (9 + 7) =$  | 0  |
|           | e)          | $28 - 17 + 3 =$ | 14            | $28 - (17 + 3) =$ | 8  |
|           | f)          | $19 - 10 + 7 =$ | 16            | $19 - (10 + 7) =$ | 2  |
|           | g)          | $14 - 10 + 4 =$ | 8             | $14 - (10 + 4) =$ | 0  |
|           | h)          | $26 - 5 + 5 =$  | 26            | $26 - (5 + 5) =$  | 16 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $15 + 7 - 7 =$  | 15            | $15 + (7 - 7) =$  | 15 |
|           | b)          | $20 + 15 - 5 =$ | 30            | $20 + (15 - 5) =$ | 30 |
|           | c)          | $6 + 1 - 1 =$   | 6             | $6 + (1 - 1) =$   | 6  |
|           | d)          | $16 + 9 - 7 =$  | 18            | $16 + (9 - 7) =$  | 18 |
|           | e)          | $28 + 17 - 3 =$ | 42            | $28 + (17 - 3) =$ | 42 |
|           | f)          | $19 + 10 - 7 =$ | 22            | $19 + (10 - 7) =$ | 22 |
|           | g)          | $14 + 10 - 4 =$ | 20            | $14 + (10 - 4) =$ | 20 |
|           | h)          | $26 + 5 - 5 =$  | 26            | $26 + (5 - 5) =$  | 26 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $15 - 7 - 7 =$  | 1             | $15 - (7 - 7) =$  | 15 |
|           | b)          | $20 - 15 - 5 =$ | 0             | $20 - (15 - 5) =$ | 10 |
|           | c)          | $6 - 1 - 1 =$   | 4             | $6 - (1 - 1) =$   | 6  |
|           | d)          | $16 - 9 - 7 =$  | 0             | $16 - (9 - 7) =$  | 14 |
|           | e)          | $28 - 17 - 3 =$ | 8             | $28 - (17 - 3) =$ | 14 |
|           | f)          | $19 - 10 - 7 =$ | 2             | $19 - (10 - 7) =$ | 16 |
|           | g)          | $14 - 10 - 4 =$ | 0             | $14 - (10 - 4) =$ | 8  |
|           | h)          | $26 - 5 - 5 =$  | 16            | $26 - (5 - 5) =$  | 26 |



Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $26 + 4 + 4 =$   | 34              | $26 + (4 + 4) =$   | 34            |  |
|    | $26 + 4 - 4 =$   | 26              | $26 + (4 - 4) =$   | 26            |  |
|    | $26 - 4 + 4 =$   | 26              | $26 - (4 + 4) =$   | 18            |  |
|    | $26 - 4 - 4 =$   | 18              | $26 - (4 - 4) =$   | 26            |  |
| b) | $32 + 17 + 10 =$ | 59              | $32 + (17 + 10) =$ | 59            |  |
|    | $32 + 17 - 10 =$ | 39              | $32 + (17 - 10) =$ | 39            |  |
|    | $32 - 17 + 10 =$ | 25              | $32 - (17 + 10) =$ | 5             |  |
|    | $32 - 17 - 10 =$ | 5               | $32 - (17 - 10) =$ | 25            |  |
| c) | $33 + 5 + 5 =$   | 43              | $33 + (5 + 5) =$   | 43            |  |
|    | $33 + 5 - 5 =$   | 33              | $33 + (5 - 5) =$   | 33            |  |
|    | $33 - 5 + 5 =$   | 33              | $33 - (5 + 5) =$   | 23            |  |
|    | $33 - 5 - 5 =$   | 23              | $33 - (5 - 5) =$   | 33            |  |
| d) | $20 + 19 + 1 =$  | 40              | $20 + (19 + 1) =$  | 40            |  |
|    | $20 + 19 - 1 =$  | 38              | $20 + (19 - 1) =$  | 38            |  |
|    | $20 - 19 + 1 =$  | 2               | $20 - (19 + 1) =$  | 0             |  |
|    | $20 - 19 - 1 =$  | 0               | $20 - (19 - 1) =$  | 2             |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $9 + 2 + 2 =$    | 13 | $9 + (2 + 2) =$    | 13 |
|    | $9 + 2 - 2 =$    | 9  | $9 + (2 - 2) =$    | 9  |
|    | $9 - 2 - 2 =$    | 5  | $9 - (2 - 2) =$    | 9  |
|    | $9 - 2 + 2 =$    | 9  | $9 - (2 + 2) =$    | 5  |
| f) | $24 + 19 + 4 =$  | 47 | $24 + (19 + 4) =$  | 47 |
|    | $24 + 19 - 4 =$  | 39 | $24 + (19 - 4) =$  | 39 |
|    | $24 - 19 - 4 =$  | 1  | $24 - (19 - 4) =$  | 9  |
|    | $24 - 19 + 4 =$  | 9  | $24 - (19 + 4) =$  | 1  |
| g) | $17 + 11 + 6 =$  | 34 | $17 + (11 + 6) =$  | 34 |
|    | $17 + 11 - 6 =$  | 22 | $17 + (11 - 6) =$  | 22 |
|    | $17 - 11 + 6 =$  | 12 | $17 - (11 + 6) =$  | 0  |
|    | $17 - 11 - 6 =$  | 0  | $17 - (11 - 6) =$  | 12 |
| h) | $24 + 14 + 10 =$ | 48 | $24 + (14 + 10) =$ | 48 |
|    | $24 + 14 - 10 =$ | 28 | $24 + (14 - 10) =$ | 28 |
|    | $24 - 14 + 10 =$ | 20 | $24 - (14 + 10) =$ | 0  |
|    | $24 - 14 - 10 =$ | 0  | $24 - (14 - 10) =$ | 20 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $21 + 7 + 7 =$   | 35            | $21 + (7 + 7) =$   | 35 |
|           | b)          | $32 + 2 + 2 =$   | 36            | $32 + (2 + 2) =$   | 36 |
|           | c)          | $32 + 8 + 8 =$   | 48            | $32 + (8 + 8) =$   | 48 |
|           | d)          | $25 + 15 + 10 =$ | 50            | $25 + (15 + 10) =$ | 50 |
|           | e)          | $19 + 11 + 8 =$  | 38            | $19 + (11 + 8) =$  | 38 |
|           | f)          | $24 + 15 + 1 =$  | 40            | $24 + (15 + 1) =$  | 40 |
|           | g)          | $29 + 19 + 3 =$  | 51            | $29 + (19 + 3) =$  | 51 |
|           | h)          | $21 + 12 + 9 =$  | 42            | $21 + (12 + 9) =$  | 42 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $21 - 7 + 7 =$   | 21            | $21 - (7 + 7) =$   | 7  |
|           | b)          | $32 - 2 + 2 =$   | 32            | $32 - (2 + 2) =$   | 28 |
|           | c)          | $32 - 8 + 8 =$   | 32            | $32 - (8 + 8) =$   | 16 |
|           | d)          | $25 - 15 + 10 =$ | 20            | $25 - (15 + 10) =$ | 0  |
|           | e)          | $19 - 11 + 8 =$  | 16            | $19 - (11 + 8) =$  | 0  |
|           | f)          | $24 - 15 + 1 =$  | 10            | $24 - (15 + 1) =$  | 8  |
|           | g)          | $29 - 19 + 3 =$  | 13            | $29 - (19 + 3) =$  | 7  |
|           | h)          | $21 - 12 + 9 =$  | 18            | $21 - (12 + 9) =$  | 0  |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $21 + 7 - 7 =$   | 21            | $21 + (7 - 7) =$   | 21 |
|           | b)          | $32 + 2 - 2 =$   | 32            | $32 + (2 - 2) =$   | 32 |
|           | c)          | $32 + 8 - 8 =$   | 32            | $32 + (8 - 8) =$   | 32 |
|           | d)          | $25 + 15 - 10 =$ | 30            | $25 + (15 - 10) =$ | 30 |
|           | e)          | $19 + 11 - 8 =$  | 22            | $19 + (11 - 8) =$  | 22 |
|           | f)          | $24 + 15 - 1 =$  | 38            | $24 + (15 - 1) =$  | 38 |
|           | g)          | $29 + 19 - 3 =$  | 45            | $29 + (19 - 3) =$  | 45 |
|           | h)          | $21 + 12 - 9 =$  | 24            | $21 + (12 - 9) =$  | 24 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $21 - 7 - 7 =$   | 7             | $21 - (7 - 7) =$   | 21 |
|           | b)          | $32 - 2 - 2 =$   | 28            | $32 - (2 - 2) =$   | 32 |
|           | c)          | $32 - 8 - 8 =$   | 16            | $32 - (8 - 8) =$   | 32 |
|           | d)          | $25 - 15 - 10 =$ | 0             | $25 - (15 - 10) =$ | 20 |
|           | e)          | $19 - 11 - 8 =$  | 0             | $19 - (11 - 8) =$  | 16 |
|           | f)          | $24 - 15 - 1 =$  | 8             | $24 - (15 - 1) =$  | 10 |
|           | g)          | $29 - 19 - 3 =$  | 7             | $29 - (19 - 3) =$  | 13 |
|           | h)          | $21 - 12 - 9 =$  | 0             | $21 - (12 - 9) =$  | 18 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|                                                                 | senza parentesi                                                 | con parentesi                                                     |                                                                   |    |
|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----|
| a)                                                              | $26 + 16 + 10 =$ <table border="1"><tr><td>52</td></tr></table> | 52                                                                | $26 + (16 + 10) =$ <table border="1"><tr><td>52</td></tr></table> | 52 |
|                                                                 | 52                                                              |                                                                   |                                                                   |    |
|                                                                 | 52                                                              |                                                                   |                                                                   |    |
|                                                                 | $26 + 16 - 10 =$ <table border="1"><tr><td>32</td></tr></table> | 32                                                                | $26 + (16 - 10) =$ <table border="1"><tr><td>32</td></tr></table> | 32 |
| 32                                                              |                                                                 |                                                                   |                                                                   |    |
| 32                                                              |                                                                 |                                                                   |                                                                   |    |
| $26 - 16 + 10 =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                              | $26 - (16 + 10) =$ <table border="1"><tr><td>0</td></tr></table>  | 0                                                                 |    |
| 20                                                              |                                                                 |                                                                   |                                                                   |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| $26 - 16 - 10 =$ <table border="1"><tr><td>0</td></tr></table>  | 0                                                               | $26 - (16 - 10) =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                                |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| 20                                                              |                                                                 |                                                                   |                                                                   |    |
| b)                                                              | $30 + 20 + 10 =$ <table border="1"><tr><td>60</td></tr></table> | 60                                                                | $30 + (20 + 10) =$ <table border="1"><tr><td>60</td></tr></table> | 60 |
|                                                                 | 60                                                              |                                                                   |                                                                   |    |
|                                                                 | 60                                                              |                                                                   |                                                                   |    |
|                                                                 | $30 + 20 - 10 =$ <table border="1"><tr><td>40</td></tr></table> | 40                                                                | $30 + (20 - 10) =$ <table border="1"><tr><td>40</td></tr></table> | 40 |
| 40                                                              |                                                                 |                                                                   |                                                                   |    |
| 40                                                              |                                                                 |                                                                   |                                                                   |    |
| $30 - 20 + 10 =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                              | $30 - (20 + 10) =$ <table border="1"><tr><td>0</td></tr></table>  | 0                                                                 |    |
| 20                                                              |                                                                 |                                                                   |                                                                   |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| $30 - 20 - 10 =$ <table border="1"><tr><td>0</td></tr></table>  | 0                                                               | $30 - (20 - 10) =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                                |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| 20                                                              |                                                                 |                                                                   |                                                                   |    |
| c)                                                              | $19 + 7 + 7 =$ <table border="1"><tr><td>33</td></tr></table>   | 33                                                                | $19 + (7 + 7) =$ <table border="1"><tr><td>33</td></tr></table>   | 33 |
|                                                                 | 33                                                              |                                                                   |                                                                   |    |
|                                                                 | 33                                                              |                                                                   |                                                                   |    |
|                                                                 | $19 + 7 - 7 =$ <table border="1"><tr><td>19</td></tr></table>   | 19                                                                | $19 + (7 - 7) =$ <table border="1"><tr><td>19</td></tr></table>   | 19 |
| 19                                                              |                                                                 |                                                                   |                                                                   |    |
| 19                                                              |                                                                 |                                                                   |                                                                   |    |
| $19 - 7 + 7 =$ <table border="1"><tr><td>19</td></tr></table>   | 19                                                              | $19 - (7 + 7) =$ <table border="1"><tr><td>5</td></tr></table>    | 5                                                                 |    |
| 19                                                              |                                                                 |                                                                   |                                                                   |    |
| 5                                                               |                                                                 |                                                                   |                                                                   |    |
| $19 - 7 - 7 =$ <table border="1"><tr><td>5</td></tr></table>    | 5                                                               | $19 - (7 - 7) =$ <table border="1"><tr><td>19</td></tr></table>   | 19                                                                |    |
| 5                                                               |                                                                 |                                                                   |                                                                   |    |
| 19                                                              |                                                                 |                                                                   |                                                                   |    |
| d)                                                              | $26 + 19 + 7 =$ <table border="1"><tr><td>52</td></tr></table>  | 52                                                                | $26 + (19 + 7) =$ <table border="1"><tr><td>52</td></tr></table>  | 52 |
|                                                                 | 52                                                              |                                                                   |                                                                   |    |
|                                                                 | 52                                                              |                                                                   |                                                                   |    |
|                                                                 | $26 + 19 - 7 =$ <table border="1"><tr><td>38</td></tr></table>  | 38                                                                | $26 + (19 - 7) =$ <table border="1"><tr><td>38</td></tr></table>  | 38 |
| 38                                                              |                                                                 |                                                                   |                                                                   |    |
| 38                                                              |                                                                 |                                                                   |                                                                   |    |
| $26 - 19 + 7 =$ <table border="1"><tr><td>14</td></tr></table>  | 14                                                              | $26 - (19 + 7) =$ <table border="1"><tr><td>0</td></tr></table>   | 0                                                                 |    |
| 14                                                              |                                                                 |                                                                   |                                                                   |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| $26 - 19 - 7 =$ <table border="1"><tr><td>0</td></tr></table>   | 0                                                               | $26 - (19 - 7) =$ <table border="1"><tr><td>14</td></tr></table>  | 14                                                                |    |
| 0                                                               |                                                                 |                                                                   |                                                                   |    |
| 14                                                              |                                                                 |                                                                   |                                                                   |    |

|                                                                |                                                                |                                                                  |                                                                  |    |
|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|----|
| e)                                                             | $34 + 2 + 2 =$ <table border="1"><tr><td>38</td></tr></table>  | 38                                                               | $34 + (2 + 2) =$ <table border="1"><tr><td>38</td></tr></table>  | 38 |
|                                                                | 38                                                             |                                                                  |                                                                  |    |
|                                                                | 38                                                             |                                                                  |                                                                  |    |
|                                                                | $34 + 2 - 2 =$ <table border="1"><tr><td>34</td></tr></table>  | 34                                                               | $34 + (2 - 2) =$ <table border="1"><tr><td>34</td></tr></table>  | 34 |
| 34                                                             |                                                                |                                                                  |                                                                  |    |
| 34                                                             |                                                                |                                                                  |                                                                  |    |
| $34 - 2 - 2 =$ <table border="1"><tr><td>30</td></tr></table>  | 30                                                             | $34 - (2 - 2) =$ <table border="1"><tr><td>34</td></tr></table>  | 34                                                               |    |
| 30                                                             |                                                                |                                                                  |                                                                  |    |
| 34                                                             |                                                                |                                                                  |                                                                  |    |
| $34 - 2 + 2 =$ <table border="1"><tr><td>34</td></tr></table>  | 34                                                             | $34 - (2 + 2) =$ <table border="1"><tr><td>30</td></tr></table>  | 30                                                               |    |
| 34                                                             |                                                                |                                                                  |                                                                  |    |
| 30                                                             |                                                                |                                                                  |                                                                  |    |
| f)                                                             | $18 + 12 + 2 =$ <table border="1"><tr><td>32</td></tr></table> | 32                                                               | $18 + (12 + 2) =$ <table border="1"><tr><td>32</td></tr></table> | 32 |
|                                                                | 32                                                             |                                                                  |                                                                  |    |
|                                                                | 32                                                             |                                                                  |                                                                  |    |
|                                                                | $18 + 12 - 2 =$ <table border="1"><tr><td>28</td></tr></table> | 28                                                               | $18 + (12 - 2) =$ <table border="1"><tr><td>28</td></tr></table> | 28 |
| 28                                                             |                                                                |                                                                  |                                                                  |    |
| 28                                                             |                                                                |                                                                  |                                                                  |    |
| $18 - 12 - 2 =$ <table border="1"><tr><td>4</td></tr></table>  | 4                                                              | $18 - (12 - 2) =$ <table border="1"><tr><td>8</td></tr></table>  | 8                                                                |    |
| 4                                                              |                                                                |                                                                  |                                                                  |    |
| 8                                                              |                                                                |                                                                  |                                                                  |    |
| $18 - 12 + 2 =$ <table border="1"><tr><td>8</td></tr></table>  | 8                                                              | $18 - (12 + 2) =$ <table border="1"><tr><td>4</td></tr></table>  | 4                                                                |    |
| 8                                                              |                                                                |                                                                  |                                                                  |    |
| 4                                                              |                                                                |                                                                  |                                                                  |    |
| g)                                                             | $21 + 8 + 8 =$ <table border="1"><tr><td>37</td></tr></table>  | 37                                                               | $21 + (8 + 8) =$ <table border="1"><tr><td>37</td></tr></table>  | 37 |
|                                                                | 37                                                             |                                                                  |                                                                  |    |
|                                                                | 37                                                             |                                                                  |                                                                  |    |
|                                                                | $21 + 8 - 8 =$ <table border="1"><tr><td>21</td></tr></table>  | 21                                                               | $21 + (8 - 8) =$ <table border="1"><tr><td>21</td></tr></table>  | 21 |
| 21                                                             |                                                                |                                                                  |                                                                  |    |
| 21                                                             |                                                                |                                                                  |                                                                  |    |
| $21 - 8 + 8 =$ <table border="1"><tr><td>21</td></tr></table>  | 21                                                             | $21 - (8 + 8) =$ <table border="1"><tr><td>5</td></tr></table>   | 5                                                                |    |
| 21                                                             |                                                                |                                                                  |                                                                  |    |
| 5                                                              |                                                                |                                                                  |                                                                  |    |
| $21 - 8 - 8 =$ <table border="1"><tr><td>5</td></tr></table>   | 5                                                              | $21 - (8 - 8) =$ <table border="1"><tr><td>21</td></tr></table>  | 21                                                               |    |
| 5                                                              |                                                                |                                                                  |                                                                  |    |
| 21                                                             |                                                                |                                                                  |                                                                  |    |
| h)                                                             | $31 + 20 + 9 =$ <table border="1"><tr><td>60</td></tr></table> | 60                                                               | $31 + (20 + 9) =$ <table border="1"><tr><td>60</td></tr></table> | 60 |
|                                                                | 60                                                             |                                                                  |                                                                  |    |
|                                                                | 60                                                             |                                                                  |                                                                  |    |
|                                                                | $31 + 20 - 9 =$ <table border="1"><tr><td>42</td></tr></table> | 42                                                               | $31 + (20 - 9) =$ <table border="1"><tr><td>42</td></tr></table> | 42 |
| 42                                                             |                                                                |                                                                  |                                                                  |    |
| 42                                                             |                                                                |                                                                  |                                                                  |    |
| $31 - 20 + 9 =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                             | $31 - (20 + 9) =$ <table border="1"><tr><td>2</td></tr></table>  | 2                                                                |    |
| 20                                                             |                                                                |                                                                  |                                                                  |    |
| 2                                                              |                                                                |                                                                  |                                                                  |    |
| $31 - 20 - 9 =$ <table border="1"><tr><td>2</td></tr></table>  | 2                                                              | $31 - (20 - 9) =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                               |    |
| 2                                                              |                                                                |                                                                  |                                                                  |    |
| 20                                                             |                                                                |                                                                  |                                                                  |    |

Esercizio 2

|           |                                                                 | a + ...                                                         |                                                                   |                                                                   |    |
|-----------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----|
|           |                                                                 | senza parentesi                                                 | con parentesi                                                     |                                                                   |    |
| ... b + c | $a + b + c$                                                     | $a + (b + c)$                                                   |                                                                   |                                                                   |    |
|           | a)                                                              | $22 + 12 + 10 =$ <table border="1"><tr><td>44</td></tr></table> | 44                                                                | $22 + (12 + 10) =$ <table border="1"><tr><td>44</td></tr></table> | 44 |
|           | 44                                                              |                                                                 |                                                                   |                                                                   |    |
|           | 44                                                              |                                                                 |                                                                   |                                                                   |    |
|           | b)                                                              | $9 + 5 + 4 =$ <table border="1"><tr><td>18</td></tr></table>    | 18                                                                | $9 + (5 + 4) =$ <table border="1"><tr><td>18</td></tr></table>    | 18 |
|           | 18                                                              |                                                                 |                                                                   |                                                                   |    |
|           | 18                                                              |                                                                 |                                                                   |                                                                   |    |
|           | c)                                                              | $28 + 10 + 10 =$ <table border="1"><tr><td>48</td></tr></table> | 48                                                                | $28 + (10 + 10) =$ <table border="1"><tr><td>48</td></tr></table> | 48 |
| 48        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 48        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| d)        | $32 + 3 + 3 =$ <table border="1"><tr><td>38</td></tr></table>   | 38                                                              | $32 + (3 + 3) =$ <table border="1"><tr><td>38</td></tr></table>   | 38                                                                |    |
| 38        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 38        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| e)        | $34 + 4 + 4 =$ <table border="1"><tr><td>42</td></tr></table>   | 42                                                              | $34 + (4 + 4) =$ <table border="1"><tr><td>42</td></tr></table>   | 42                                                                |    |
| 42        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 42        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| f)        | $29 + 20 + 6 =$ <table border="1"><tr><td>55</td></tr></table>  | 55                                                              | $29 + (20 + 6) =$ <table border="1"><tr><td>55</td></tr></table>  | 55                                                                |    |
| 55        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 55        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| g)        | $28 + 18 + 10 =$ <table border="1"><tr><td>56</td></tr></table> | 56                                                              | $28 + (18 + 10) =$ <table border="1"><tr><td>56</td></tr></table> | 56                                                                |    |
| 56        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 56        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| h)        | $36 + 19 + 7 =$ <table border="1"><tr><td>62</td></tr></table>  | 62                                                              | $36 + (19 + 7) =$ <table border="1"><tr><td>62</td></tr></table>  | 62                                                                |    |
| 62        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 62        |                                                                 |                                                                 |                                                                   |                                                                   |    |

|           |                                                                 | a - ...                                                         |                                                                  |                                                                  |   |
|-----------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|---|
|           |                                                                 | senza parentesi                                                 | con parentesi                                                    |                                                                  |   |
| ... b - c | $a - b + c$                                                     | $a - (b + c)$                                                   |                                                                  |                                                                  |   |
|           | a)                                                              | $22 - 12 + 10 =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                               | $22 - (12 + 10) =$ <table border="1"><tr><td>0</td></tr></table> | 0 |
|           | 20                                                              |                                                                 |                                                                  |                                                                  |   |
|           | 0                                                               |                                                                 |                                                                  |                                                                  |   |
|           | b)                                                              | $9 - 5 + 4 =$ <table border="1"><tr><td>8</td></tr></table>     | 8                                                                | $9 - (5 + 4) =$ <table border="1"><tr><td>0</td></tr></table>    | 0 |
|           | 8                                                               |                                                                 |                                                                  |                                                                  |   |
|           | 0                                                               |                                                                 |                                                                  |                                                                  |   |
|           | c)                                                              | $28 - 10 + 10 =$ <table border="1"><tr><td>28</td></tr></table> | 28                                                               | $28 - (10 + 10) =$ <table border="1"><tr><td>8</td></tr></table> | 8 |
| 28        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 8         |                                                                 |                                                                 |                                                                  |                                                                  |   |
| d)        | $32 - 3 + 3 =$ <table border="1"><tr><td>32</td></tr></table>   | 32                                                              | $32 - (3 + 3) =$ <table border="1"><tr><td>26</td></tr></table>  | 26                                                               |   |
| 32        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 26        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| e)        | $34 - 4 + 4 =$ <table border="1"><tr><td>34</td></tr></table>   | 34                                                              | $34 - (4 + 4) =$ <table border="1"><tr><td>26</td></tr></table>  | 26                                                               |   |
| 34        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 26        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| f)        | $29 - 20 + 6 =$ <table border="1"><tr><td>15</td></tr></table>  | 15                                                              | $29 - (20 + 6) =$ <table border="1"><tr><td>3</td></tr></table>  | 3                                                                |   |
| 15        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 3         |                                                                 |                                                                 |                                                                  |                                                                  |   |
| g)        | $28 - 18 + 10 =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                              | $28 - (18 + 10) =$ <table border="1"><tr><td>0</td></tr></table> | 0                                                                |   |
| 20        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 0         |                                                                 |                                                                 |                                                                  |                                                                  |   |
| h)        | $36 - 19 + 7 =$ <table border="1"><tr><td>24</td></tr></table>  | 24                                                              | $36 - (19 + 7) =$ <table border="1"><tr><td>10</td></tr></table> | 10                                                               |   |
| 24        |                                                                 |                                                                 |                                                                  |                                                                  |   |
| 10        |                                                                 |                                                                 |                                                                  |                                                                  |   |

|           |                                                                 |                                                                 |                                                                   |                                                                   |    |
|-----------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----|
| ... b - c | $a + b - c$                                                     | $a + (b - c)$                                                   |                                                                   |                                                                   |    |
|           | a)                                                              | $22 + 12 - 10 =$ <table border="1"><tr><td>24</td></tr></table> | 24                                                                | $22 + (12 - 10) =$ <table border="1"><tr><td>24</td></tr></table> | 24 |
|           | 24                                                              |                                                                 |                                                                   |                                                                   |    |
|           | 24                                                              |                                                                 |                                                                   |                                                                   |    |
|           | b)                                                              | $9 + 5 - 4 =$ <table border="1"><tr><td>10</td></tr></table>    | 10                                                                | $9 + (5 - 4) =$ <table border="1"><tr><td>10</td></tr></table>    | 10 |
|           | 10                                                              |                                                                 |                                                                   |                                                                   |    |
|           | 10                                                              |                                                                 |                                                                   |                                                                   |    |
|           | c)                                                              | $28 + 10 - 10 =$ <table border="1"><tr><td>28</td></tr></table> | 28                                                                | $28 + (10 - 10) =$ <table border="1"><tr><td>28</td></tr></table> | 28 |
| 28        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 28        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| d)        | $32 + 3 - 3 =$ <table border="1"><tr><td>32</td></tr></table>   | 32                                                              | $32 + (3 - 3) =$ <table border="1"><tr><td>32</td></tr></table>   | 32                                                                |    |
| 32        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 32        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| e)        | $34 + 4 - 4 =$ <table border="1"><tr><td>34</td></tr></table>   | 34                                                              | $34 + (4 - 4) =$ <table border="1"><tr><td>34</td></tr></table>   | 34                                                                |    |
| 34        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 34        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| f)        | $29 + 20 - 6 =$ <table border="1"><tr><td>43</td></tr></table>  | 43                                                              | $29 + (20 - 6) =$ <table border="1"><tr><td>43</td></tr></table>  | 43                                                                |    |
| 43        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 43        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| g)        | $28 + 18 - 10 =$ <table border="1"><tr><td>36</td></tr></table> | 36                                                              | $28 + (18 - 10) =$ <table border="1"><tr><td>36</td></tr></table> | 36                                                                |    |
| 36        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 36        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| h)        | $36 + 19 - 7 =$ <table border="1"><tr><td>48</td></tr></table>  | 48                                                              | $36 + (19 - 7) =$ <table border="1"><tr><td>48</td></tr></table>  | 48                                                                |    |
| 48        |                                                                 |                                                                 |                                                                   |                                                                   |    |
| 48        |                                                                 |                                                                 |                                                                   |                                                                   |    |

|           |                                                                |                                                                |                                                                   |                                                                   |    |
|-----------|----------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----|
| ... b - c | $a - b - c$                                                    | $a - (b - c)$                                                  |                                                                   |                                                                   |    |
|           | a)                                                             | $22 - 12 - 10 =$ <table border="1"><tr><td>0</td></tr></table> | 0                                                                 | $22 - (12 - 10) =$ <table border="1"><tr><td>20</td></tr></table> | 20 |
|           | 0                                                              |                                                                |                                                                   |                                                                   |    |
|           | 20                                                             |                                                                |                                                                   |                                                                   |    |
|           | b)                                                             | $9 - 5 - 4 =$ <table border="1"><tr><td>0</td></tr></table>    | 0                                                                 | $9 - (5 - 4) =$ <table border="1"><tr><td>8</td></tr></table>     | 8  |
|           | 0                                                              |                                                                |                                                                   |                                                                   |    |
|           | 8                                                              |                                                                |                                                                   |                                                                   |    |
|           | c)                                                             | $28 - 10 - 10 =$ <table border="1"><tr><td>8</td></tr></table> | 8                                                                 | $28 - (10 - 10) =$ <table border="1"><tr><td>28</td></tr></table> | 28 |
| 8         |                                                                |                                                                |                                                                   |                                                                   |    |
| 28        |                                                                |                                                                |                                                                   |                                                                   |    |
| d)        | $32 - 3 - 3 =$ <table border="1"><tr><td>26</td></tr></table>  | 26                                                             | $32 - (3 - 3) =$ <table border="1"><tr><td>32</td></tr></table>   | 32                                                                |    |
| 26        |                                                                |                                                                |                                                                   |                                                                   |    |
| 32        |                                                                |                                                                |                                                                   |                                                                   |    |
| e)        | $34 - 4 - 4 =$ <table border="1"><tr><td>26</td></tr></table>  | 26                                                             | $34 - (4 - 4) =$ <table border="1"><tr><td>34</td></tr></table>   | 34                                                                |    |
| 26        |                                                                |                                                                |                                                                   |                                                                   |    |
| 34        |                                                                |                                                                |                                                                   |                                                                   |    |
| f)        | $29 - 20 - 6 =$ <table border="1"><tr><td>3</td></tr></table>  | 3                                                              | $29 - (20 - 6) =$ <table border="1"><tr><td>15</td></tr></table>  | 15                                                                |    |
| 3         |                                                                |                                                                |                                                                   |                                                                   |    |
| 15        |                                                                |                                                                |                                                                   |                                                                   |    |
| g)        | $28 - 18 - 10 =$ <table border="1"><tr><td>0</td></tr></table> | 0                                                              | $28 - (18 - 10) =$ <table border="1"><tr><td>20</td></tr></table> | 20                                                                |    |
| 0         |                                                                |                                                                |                                                                   |                                                                   |    |
| 20        |                                                                |                                                                |                                                                   |                                                                   |    |
| h)        | $36 - 19 - 7 =$ <table border="1"><tr><td>10</td></tr></table> | 10                                                             | $36 - (19 - 7) =$ <table border="1"><tr><td>24</td></tr></table>  | 24                                                                |    |
| 10        |                                                                |                                                                |                                                                   |                                                                   |    |
| 24        |                                                                |                                                                |                                                                   |                                                                   |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    | senza parentesi  |    | con parentesi      |    |
|----|------------------|----|--------------------|----|
| a) | $32 + 16 + 2 =$  | 50 | $32 + (16 + 2) =$  | 50 |
|    | $32 + 16 - 2 =$  | 46 | $32 + (16 - 2) =$  | 46 |
|    | $32 - 16 + 2 =$  | 18 | $32 - (16 + 2) =$  | 14 |
|    | $32 - 16 - 2 =$  | 14 | $32 - (16 - 2) =$  | 18 |
| b) | $30 + 20 + 10 =$ | 60 | $30 + (20 + 10) =$ | 60 |
|    | $30 + 20 - 10 =$ | 40 | $30 + (20 - 10) =$ | 40 |
|    | $30 - 20 + 10 =$ | 20 | $30 - (20 + 10) =$ | 0  |
|    | $30 - 20 - 10 =$ | 0  | $30 - (20 - 10) =$ | 20 |
| c) | $13 + 11 + 2 =$  | 26 | $13 + (11 + 2) =$  | 26 |
|    | $13 + 11 - 2 =$  | 22 | $13 + (11 - 2) =$  | 22 |
|    | $13 - 11 + 2 =$  | 4  | $13 - (11 + 2) =$  | 0  |
|    | $13 - 11 - 2 =$  | 0  | $13 - (11 - 2) =$  | 4  |
| d) | $33 + 10 + 4 =$  | 47 | $33 + (10 + 4) =$  | 47 |
|    | $33 + 10 - 4 =$  | 39 | $33 + (10 - 4) =$  | 39 |
|    | $33 - 10 + 4 =$  | 27 | $33 - (10 + 4) =$  | 19 |
|    | $33 - 10 - 4 =$  | 19 | $33 - (10 - 4) =$  | 27 |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $19 + 11 + 8 =$ | 38 | $19 + (11 + 8) =$ | 38 |
|    | $19 + 11 - 8 =$ | 22 | $19 + (11 - 8) =$ | 22 |
|    | $19 - 11 + 8 =$ | 0  | $19 - (11 - 8) =$ | 16 |
|    | $19 - 11 - 8 =$ | 16 | $19 - (11 + 8) =$ | 0  |
| f) | $27 + 6 + 6 =$  | 39 | $27 + (6 + 6) =$  | 39 |
|    | $27 + 6 - 6 =$  | 27 | $27 + (6 - 6) =$  | 27 |
|    | $27 - 6 - 6 =$  | 15 | $27 - (6 - 6) =$  | 27 |
|    | $27 - 6 + 6 =$  | 27 | $27 - (6 + 6) =$  | 15 |
| g) | $20 + 6 + 6 =$  | 32 | $20 + (6 + 6) =$  | 32 |
|    | $20 + 6 - 6 =$  | 20 | $20 + (6 - 6) =$  | 20 |
|    | $20 - 6 + 6 =$  | 20 | $20 - (6 + 6) =$  | 8  |
|    | $20 - 6 - 6 =$  | 8  | $20 - (6 - 6) =$  | 20 |
| h) | $14 + 2 + 2 =$  | 18 | $14 + (2 + 2) =$  | 18 |
|    | $14 + 2 - 2 =$  | 14 | $14 + (2 - 2) =$  | 14 |
|    | $14 - 2 + 2 =$  | 14 | $14 - (2 + 2) =$  | 10 |
|    | $14 - 2 - 2 =$  | 10 | $14 - (2 - 2) =$  | 14 |

Esercizio 2

|                    | a + ...            |                   |                   |    |
|--------------------|--------------------|-------------------|-------------------|----|
|                    | senza parentesi    | con parentesi     |                   |    |
| ... b + c          | $a + b + c$        | $a + (b + c)$     |                   |    |
|                    | a) $14 + 13 + 1 =$ | 28                | $14 + (13 + 1) =$ | 28 |
|                    | b) $8 + 2 + 2 =$   | 12                | $8 + (2 + 2) =$   | 12 |
|                    | c) $18 + 6 + 1 =$  | 25                | $18 + (6 + 1) =$  | 25 |
|                    | d) $13 + 4 + 4 =$  | 21                | $13 + (4 + 4) =$  | 21 |
|                    | e) $39 + 20 + 9 =$ | 68                | $39 + (20 + 9) =$ | 68 |
|                    | f) $28 + 2 + 2 =$  | 32                | $28 + (2 + 2) =$  | 32 |
|                    | g) $15 + 13 + 2 =$ | 30                | $15 + (13 + 2) =$ | 30 |
| h) $27 + 19 + 8 =$ | 54                 | $27 + (19 + 8) =$ | 54                |    |

|                    | a - ...            |                   |                   |    |
|--------------------|--------------------|-------------------|-------------------|----|
|                    | senza parentesi    | con parentesi     |                   |    |
| ... b - c          | $a - b + c$        | $a - (b + c)$     |                   |    |
|                    | a) $14 - 13 + 1 =$ | 2                 | $14 - (13 + 1) =$ | 0  |
|                    | b) $8 - 2 + 2 =$   | 8                 | $8 - (2 + 2) =$   | 4  |
|                    | c) $18 - 6 + 1 =$  | 13                | $18 - (6 + 1) =$  | 11 |
|                    | d) $13 - 4 + 4 =$  | 13                | $13 - (4 + 4) =$  | 5  |
|                    | e) $39 - 20 + 9 =$ | 28                | $39 - (20 + 9) =$ | 10 |
|                    | f) $28 - 2 + 2 =$  | 28                | $28 - (2 + 2) =$  | 24 |
|                    | g) $15 - 13 + 2 =$ | 4                 | $15 - (13 + 2) =$ | 0  |
| h) $27 - 19 + 8 =$ | 16                 | $27 - (19 + 8) =$ | 0                 |    |

|                    |                    |                   |                   |    |
|--------------------|--------------------|-------------------|-------------------|----|
| ... b - c          | $a + b - c$        | $a + (b - c)$     |                   |    |
|                    | a) $14 + 13 - 1 =$ | 26                | $14 + (13 - 1) =$ | 26 |
|                    | b) $8 + 2 - 2 =$   | 8                 | $8 + (2 - 2) =$   | 8  |
|                    | c) $18 + 6 - 1 =$  | 23                | $18 + (6 - 1) =$  | 23 |
|                    | d) $13 + 4 - 4 =$  | 13                | $13 + (4 - 4) =$  | 13 |
|                    | e) $39 + 20 - 9 =$ | 50                | $39 + (20 - 9) =$ | 50 |
|                    | f) $28 + 2 - 2 =$  | 28                | $28 + (2 - 2) =$  | 28 |
|                    | g) $15 + 13 - 2 =$ | 26                | $15 + (13 - 2) =$ | 26 |
| h) $27 + 19 - 8 =$ | 38                 | $27 + (19 - 8) =$ | 38                |    |

|                    |                    |                   |                   |    |
|--------------------|--------------------|-------------------|-------------------|----|
| ... b - c          | $a - b - c$        | $a - (b - c)$     |                   |    |
|                    | a) $14 - 13 - 1 =$ | 0                 | $14 - (13 - 1) =$ | 2  |
|                    | b) $8 - 2 - 2 =$   | 4                 | $8 - (2 - 2) =$   | 8  |
|                    | c) $18 - 6 - 1 =$  | 11                | $18 - (6 - 1) =$  | 13 |
|                    | d) $13 - 4 - 4 =$  | 5                 | $13 - (4 - 4) =$  | 13 |
|                    | e) $39 - 20 - 9 =$ | 10                | $39 - (20 - 9) =$ | 28 |
|                    | f) $28 - 2 - 2 =$  | 24                | $28 - (2 - 2) =$  | 28 |
|                    | g) $15 - 13 - 2 =$ | 0                 | $15 - (13 - 2) =$ | 4  |
| h) $27 - 19 - 8 =$ | 0                  | $27 - (19 - 8) =$ | 16                |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $32 + 7 + 7 =$   | 46              | $32 + (7 + 7) =$   | 46            |  |
|    | $32 + 7 - 7 =$   | 32              | $32 + (7 - 7) =$   | 32            |  |
|    | $32 - 7 + 7 =$   | 32              | $32 - (7 + 7) =$   | 18            |  |
|    | $32 - 7 - 7 =$   | 18              | $32 - (7 - 7) =$   | 32            |  |
| b) | $29 + 19 + 10 =$ | 58              | $29 + (19 + 10) =$ | 58            |  |
|    | $29 + 19 - 10 =$ | 38              | $29 + (19 - 10) =$ | 38            |  |
|    | $29 - 19 + 10 =$ | 20              | $29 - (19 + 10) =$ | 0             |  |
|    | $29 - 19 - 10 =$ | 0               | $29 - (19 - 10) =$ | 20            |  |
| c) | $21 + 8 + 2 =$   | 31              | $21 + (8 + 2) =$   | 31            |  |
|    | $21 + 8 - 2 =$   | 27              | $21 + (8 - 2) =$   | 27            |  |
|    | $21 - 8 + 2 =$   | 15              | $21 - (8 + 2) =$   | 11            |  |
|    | $21 - 8 - 2 =$   | 11              | $21 - (8 - 2) =$   | 15            |  |
| d) | $25 + 3 + 3 =$   | 31              | $25 + (3 + 3) =$   | 31            |  |
|    | $25 + 3 - 3 =$   | 25              | $25 + (3 - 3) =$   | 25            |  |
|    | $25 - 3 + 3 =$   | 25              | $25 - (3 + 3) =$   | 19            |  |
|    | $25 - 3 - 3 =$   | 19              | $25 - (3 - 3) =$   | 25            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $35 + 8 + 8 =$   | 51 | $35 + (8 + 8) =$   | 51 |
|    | $35 + 8 - 8 =$   | 35 | $35 + (8 - 8) =$   | 35 |
|    | $35 - 8 - 8 =$   | 19 | $35 - (8 - 8) =$   | 35 |
|    | $35 - 8 + 8 =$   | 35 | $35 - (8 + 8) =$   | 19 |
| f) | $37 + 15 + 10 =$ | 62 | $37 + (15 + 10) =$ | 62 |
|    | $37 + 15 - 10 =$ | 42 | $37 + (15 - 10) =$ | 42 |
|    | $37 - 15 - 10 =$ | 12 | $37 - (15 - 10) =$ | 32 |
|    | $37 - 15 + 10 =$ | 32 | $37 - (15 + 10) =$ | 12 |
| g) | $20 + 16 + 4 =$  | 40 | $20 + (16 + 4) =$  | 40 |
|    | $20 + 16 - 4 =$  | 32 | $20 + (16 - 4) =$  | 32 |
|    | $20 - 16 + 4 =$  | 8  | $20 - (16 + 4) =$  | 0  |
|    | $20 - 16 - 4 =$  | 0  | $20 - (16 - 4) =$  | 8  |
| h) | $23 + 14 + 9 =$  | 46 | $23 + (14 + 9) =$  | 46 |
|    | $23 + 14 - 9 =$  | 28 | $23 + (14 - 9) =$  | 28 |
|    | $23 - 14 + 9 =$  | 18 | $23 - (14 + 9) =$  | 0  |
|    | $23 - 14 - 9 =$  | 0  | $23 - (14 - 9) =$  | 18 |

Esercizio 2

|           |                 | a + ...         |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
|           |                 | senza parentesi | con parentesi     |                   |    |
| ... b + c | $a + b + c$     |                 | $a + (b + c)$     |                   |    |
|           | a)              | $22 + 13 + 9 =$ | 44                | $22 + (13 + 9) =$ | 44 |
|           | b)              | $12 + 5 + 5 =$  | 22                | $12 + (5 + 5) =$  | 22 |
|           | c)              | $15 + 3 + 3 =$  | 21                | $15 + (3 + 3) =$  | 21 |
|           | d)              | $20 + 16 + 4 =$ | 40                | $20 + (16 + 4) =$ | 40 |
|           | e)              | $21 + 7 + 7 =$  | 35                | $21 + (7 + 7) =$  | 35 |
|           | f)              | $26 + 19 + 7 =$ | 52                | $26 + (19 + 7) =$ | 52 |
|           | g)              | $16 + 12 + 3 =$ | 31                | $16 + (12 + 3) =$ | 31 |
| h)        | $28 + 11 + 3 =$ | 42              | $28 + (11 + 3) =$ | 42                |    |

|           |                 | a - ...         |                   |                   |   |
|-----------|-----------------|-----------------|-------------------|-------------------|---|
|           |                 | senza parentesi | con parentesi     |                   |   |
| ... b - c | $a - b + c$     |                 | $a - (b + c)$     |                   |   |
|           | a)              | $22 - 13 + 9 =$ | 18                | $22 - (13 + 9) =$ | 0 |
|           | b)              | $12 - 5 + 5 =$  | 12                | $12 - (5 + 5) =$  | 2 |
|           | c)              | $15 - 3 + 3 =$  | 15                | $15 - (3 + 3) =$  | 9 |
|           | d)              | $20 - 16 + 4 =$ | 8                 | $20 - (16 + 4) =$ | 0 |
|           | e)              | $21 - 7 + 7 =$  | 21                | $21 - (7 + 7) =$  | 7 |
|           | f)              | $26 - 19 + 7 =$ | 14                | $26 - (19 + 7) =$ | 0 |
|           | g)              | $16 - 12 + 3 =$ | 7                 | $16 - (12 + 3) =$ | 1 |
| h)        | $28 - 11 + 3 =$ | 20              | $28 - (11 + 3) =$ | 14                |   |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a + b - c$     |                 | $a + (b - c)$     |                   |    |
|           | a)              | $22 + 13 - 9 =$ | 26                | $22 + (13 - 9) =$ | 26 |
|           | b)              | $12 + 5 - 5 =$  | 12                | $12 + (5 - 5) =$  | 12 |
|           | c)              | $15 + 3 - 3 =$  | 15                | $15 + (3 - 3) =$  | 15 |
|           | d)              | $20 + 16 - 4 =$ | 32                | $20 + (16 - 4) =$ | 32 |
|           | e)              | $21 + 7 - 7 =$  | 21                | $21 + (7 - 7) =$  | 21 |
|           | f)              | $26 + 19 - 7 =$ | 38                | $26 + (19 - 7) =$ | 38 |
|           | g)              | $16 + 12 - 3 =$ | 25                | $16 + (12 - 3) =$ | 25 |
| h)        | $28 + 11 - 3 =$ | 36              | $28 + (11 - 3) =$ | 36                |    |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a - b - c$     |                 | $a - (b - c)$     |                   |    |
|           | a)              | $22 - 13 - 9 =$ | 0                 | $22 - (13 - 9) =$ | 18 |
|           | b)              | $12 - 5 - 5 =$  | 2                 | $12 - (5 - 5) =$  | 12 |
|           | c)              | $15 - 3 - 3 =$  | 9                 | $15 - (3 - 3) =$  | 15 |
|           | d)              | $20 - 16 - 4 =$ | 0                 | $20 - (16 - 4) =$ | 8  |
|           | e)              | $21 - 7 - 7 =$  | 7                 | $21 - (7 - 7) =$  | 21 |
|           | f)              | $26 - 19 - 7 =$ | 0                 | $26 - (19 - 7) =$ | 14 |
|           | g)              | $16 - 12 - 3 =$ | 1                 | $16 - (12 - 3) =$ | 7  |
| h)        | $28 - 11 - 3 =$ | 14              | $28 - (11 - 3) =$ | 20                |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $11 + 6 + 5 =$  | 22              | $11 + (6 + 5) =$  | 22            |  |
|    | $11 + 6 - 5 =$  | 12              | $11 + (6 - 5) =$  | 12            |  |
|    | $11 - 6 + 5 =$  | 10              | $11 - (6 + 5) =$  | 0             |  |
|    | $11 - 6 - 5 =$  | 0               | $11 - (6 - 5) =$  | 10            |  |
| b) | $31 + 18 + 9 =$ | 58              | $31 + (18 + 9) =$ | 58            |  |
|    | $31 + 18 - 9 =$ | 40              | $31 + (18 - 9) =$ | 40            |  |
|    | $31 - 18 + 9 =$ | 22              | $31 - (18 + 9) =$ | 4             |  |
|    | $31 - 18 - 9 =$ | 4               | $31 - (18 - 9) =$ | 22            |  |
| c) | $9 + 1 + 1 =$   | 11              | $9 + (1 + 1) =$   | 11            |  |
|    | $9 + 1 - 1 =$   | 9               | $9 + (1 - 1) =$   | 9             |  |
|    | $9 - 1 + 1 =$   | 9               | $9 - (1 + 1) =$   | 7             |  |
|    | $9 - 1 - 1 =$   | 7               | $9 - (1 - 1) =$   | 9             |  |
| d) | $19 + 9 + 9 =$  | 37              | $19 + (9 + 9) =$  | 37            |  |
|    | $19 + 9 - 9 =$  | 19              | $19 + (9 - 9) =$  | 19            |  |
|    | $19 - 9 + 9 =$  | 19              | $19 - (9 + 9) =$  | 1             |  |
|    | $19 - 9 - 9 =$  | 1               | $19 - (9 - 9) =$  | 19            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $17 + 7 + 7 =$  | 31 | $17 + (7 + 7) =$  | 31 |
|    | $17 + 7 - 7 =$  | 17 | $17 + (7 - 7) =$  | 17 |
|    | $17 - 7 - 7 =$  | 3  | $17 - (7 - 7) =$  | 17 |
|    | $17 - 7 + 7 =$  | 17 | $17 - (7 + 7) =$  | 3  |
| f) | $8 + 7 + 1 =$   | 16 | $8 + (7 + 1) =$   | 16 |
|    | $8 + 7 - 1 =$   | 14 | $8 + (7 - 1) =$   | 14 |
|    | $8 - 7 - 1 =$   | 0  | $8 - (7 - 1) =$   | 2  |
|    | $8 - 7 + 1 =$   | 2  | $8 - (7 + 1) =$   | 0  |
| g) | $13 + 10 + 3 =$ | 26 | $13 + (10 + 3) =$ | 26 |
|    | $13 + 10 - 3 =$ | 20 | $13 + (10 - 3) =$ | 20 |
|    | $13 - 10 + 3 =$ | 6  | $13 - (10 + 3) =$ | 0  |
|    | $13 - 10 - 3 =$ | 0  | $13 - (10 - 3) =$ | 6  |
| h) | $30 + 4 + 3 =$  | 37 | $30 + (4 + 3) =$  | 37 |
|    | $30 + 4 - 3 =$  | 31 | $30 + (4 - 3) =$  | 31 |
|    | $30 - 4 + 3 =$  | 29 | $30 - (4 + 3) =$  | 23 |
|    | $30 - 4 - 3 =$  | 23 | $30 - (4 - 3) =$  | 29 |

Esercizio 2

|           |                 | a + ...         |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
|           |                 | senza parentesi | con parentesi     |                   |    |
| ... b + c | $a + b + c$     |                 | $a + (b + c)$     |                   |    |
|           | a)              | $11 + 6 + 5 =$  | 22                | $11 + (6 + 5) =$  | 22 |
|           | b)              | $31 + 9 + 9 =$  | 49                | $31 + (9 + 9) =$  | 49 |
|           | c)              | $19 + 13 + 6 =$ | 38                | $19 + (13 + 6) =$ | 38 |
|           | d)              | $37 + 5 + 5 =$  | 47                | $37 + (5 + 5) =$  | 47 |
|           | e)              | $28 + 3 + 3 =$  | 34                | $28 + (3 + 3) =$  | 34 |
|           | f)              | $29 + 13 + 6 =$ | 48                | $29 + (13 + 6) =$ | 48 |
|           | g)              | $21 + 15 + 6 =$ | 42                | $21 + (15 + 6) =$ | 42 |
| h)        | $38 + 12 + 8 =$ | 58              | $38 + (12 + 8) =$ | 58                |    |

|           |                 | a - ...         |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
|           |                 | senza parentesi | con parentesi     |                   |    |
| ... b - c | $a - b + c$     |                 | $a - (b + c)$     |                   |    |
|           | a)              | $11 - 6 + 5 =$  | 10                | $11 - (6 + 5) =$  | 0  |
|           | b)              | $31 - 9 + 9 =$  | 31                | $31 - (9 + 9) =$  | 13 |
|           | c)              | $19 - 13 + 6 =$ | 12                | $19 - (13 + 6) =$ | 0  |
|           | d)              | $37 - 5 + 5 =$  | 37                | $37 - (5 + 5) =$  | 27 |
|           | e)              | $28 - 3 + 3 =$  | 28                | $28 - (3 + 3) =$  | 22 |
|           | f)              | $29 - 13 + 6 =$ | 22                | $29 - (13 + 6) =$ | 10 |
|           | g)              | $21 - 15 + 6 =$ | 12                | $21 - (15 + 6) =$ | 0  |
| h)        | $38 - 12 + 8 =$ | 34              | $38 - (12 + 8) =$ | 18                |    |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a + b - c$     |                 | $a + (b - c)$     |                   |    |
|           | a)              | $11 + 6 - 5 =$  | 12                | $11 + (6 - 5) =$  | 12 |
|           | b)              | $31 + 9 - 9 =$  | 31                | $31 + (9 - 9) =$  | 31 |
|           | c)              | $19 + 13 - 6 =$ | 26                | $19 + (13 - 6) =$ | 26 |
|           | d)              | $37 + 5 - 5 =$  | 37                | $37 + (5 - 5) =$  | 37 |
|           | e)              | $28 + 3 - 3 =$  | 28                | $28 + (3 - 3) =$  | 28 |
|           | f)              | $29 + 13 - 6 =$ | 36                | $29 + (13 - 6) =$ | 36 |
|           | g)              | $21 + 15 - 6 =$ | 30                | $21 + (15 - 6) =$ | 30 |
| h)        | $38 + 12 - 8 =$ | 42              | $38 + (12 - 8) =$ | 42                |    |

|           |                 |                 |                   |                   |    |
|-----------|-----------------|-----------------|-------------------|-------------------|----|
| ... b - c | $a - b - c$     |                 | $a - (b - c)$     |                   |    |
|           | a)              | $11 - 6 - 5 =$  | 0                 | $11 - (6 - 5) =$  | 10 |
|           | b)              | $31 - 9 - 9 =$  | 13                | $31 - (9 - 9) =$  | 31 |
|           | c)              | $19 - 13 - 6 =$ | 0                 | $19 - (13 - 6) =$ | 12 |
|           | d)              | $37 - 5 - 5 =$  | 27                | $37 - (5 - 5) =$  | 37 |
|           | e)              | $28 - 3 - 3 =$  | 22                | $28 - (3 - 3) =$  | 28 |
|           | f)              | $29 - 13 - 6 =$ | 10                | $29 - (13 - 6) =$ | 22 |
|           | g)              | $21 - 15 - 6 =$ | 0                 | $21 - (15 - 6) =$ | 12 |
| h)        | $38 - 12 - 8 =$ | 18              | $38 - (12 - 8) =$ | 34                |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $5 + 4 + 1 =$   | 10              | $5 + (4 + 1) =$   | 10            |  |
|    | $5 + 4 - 1 =$   | 8               | $5 + (4 - 1) =$   | 8             |  |
|    | $5 - 4 + 1 =$   | 2               | $5 - (4 + 1) =$   | 0             |  |
|    | $5 - 4 - 1 =$   | 0               | $5 - (4 - 1) =$   | 2             |  |
| b) | $32 + 20 + 6 =$ | 58              | $32 + (20 + 6) =$ | 58            |  |
|    | $32 + 20 - 6 =$ | 46              | $32 + (20 - 6) =$ | 46            |  |
|    | $32 - 20 + 6 =$ | 18              | $32 - (20 + 6) =$ | 6             |  |
|    | $32 - 20 - 6 =$ | 6               | $32 - (20 - 6) =$ | 18            |  |
| c) | $21 + 14 + 7 =$ | 42              | $21 + (14 + 7) =$ | 42            |  |
|    | $21 + 14 - 7 =$ | 28              | $21 + (14 - 7) =$ | 28            |  |
|    | $21 - 14 + 7 =$ | 14              | $21 - (14 + 7) =$ | 0             |  |
|    | $21 - 14 - 7 =$ | 0               | $21 - (14 - 7) =$ | 14            |  |
| d) | $38 + 1 + 1 =$  | 40              | $38 + (1 + 1) =$  | 40            |  |
|    | $38 + 1 - 1 =$  | 38              | $38 + (1 - 1) =$  | 38            |  |
|    | $38 - 1 + 1 =$  | 38              | $38 - (1 + 1) =$  | 36            |  |
|    | $38 - 1 - 1 =$  | 36              | $38 - (1 - 1) =$  | 38            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $22 + 7 + 7 =$  | 36 | $22 + (7 + 7) =$  | 36 |
|    | $22 + 7 - 7 =$  | 22 | $22 + (7 - 7) =$  | 22 |
|    | $22 - 7 - 7 =$  | 8  | $22 - (7 + 7) =$  | 22 |
|    | $22 - 7 + 7 =$  | 22 | $22 - (7 - 7) =$  | 8  |
| f) | $26 + 17 + 8 =$ | 51 | $26 + (17 + 8) =$ | 51 |
|    | $26 + 17 - 8 =$ | 35 | $26 + (17 - 8) =$ | 35 |
|    | $26 - 17 - 8 =$ | 1  | $26 - (17 + 8) =$ | 17 |
|    | $26 - 17 + 8 =$ | 17 | $26 - (17 - 8) =$ | 1  |
| g) | $9 + 5 + 4 =$   | 18 | $9 + (5 + 4) =$   | 18 |
|    | $9 + 5 - 4 =$   | 10 | $9 + (5 - 4) =$   | 10 |
|    | $9 - 5 + 4 =$   | 8  | $9 - (5 + 4) =$   | 0  |
|    | $9 - 5 - 4 =$   | 0  | $9 - (5 - 4) =$   | 8  |
| h) | $30 + 2 + 2 =$  | 34 | $30 + (2 + 2) =$  | 34 |
|    | $30 + 2 - 2 =$  | 30 | $30 + (2 - 2) =$  | 30 |
|    | $30 - 2 + 2 =$  | 30 | $30 - (2 + 2) =$  | 26 |
|    | $30 - 2 - 2 =$  | 26 | $30 - (2 - 2) =$  | 30 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $22 + 15 + 7 =$  | 44            | $22 + (15 + 7) =$  | 44 |
|           | b)          | $31 + 15 + 10 =$ | 56            | $31 + (15 + 10) =$ | 56 |
|           | c)          | $30 + 5 + 5 =$   | 40            | $30 + (5 + 5) =$   | 40 |
|           | d)          | $23 + 10 + 6 =$  | 39            | $23 + (10 + 6) =$  | 39 |
|           | e)          | $23 + 18 + 5 =$  | 46            | $23 + (18 + 5) =$  | 46 |
|           | f)          | $38 + 6 + 6 =$   | 50            | $38 + (6 + 6) =$   | 50 |
|           | g)          | $29 + 9 + 9 =$   | 47            | $29 + (9 + 9) =$   | 47 |
|           | h)          | $13 + 9 + 4 =$   | 26            | $13 + (9 + 4) =$   | 26 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $22 - 15 + 7 =$  | 14            | $22 - (15 + 7) =$  | 0  |
|           | b)          | $31 - 15 + 10 =$ | 26            | $31 - (15 + 10) =$ | 6  |
|           | c)          | $30 - 5 + 5 =$   | 30            | $30 - (5 + 5) =$   | 20 |
|           | d)          | $23 - 10 + 6 =$  | 19            | $23 - (10 + 6) =$  | 7  |
|           | e)          | $23 - 18 + 5 =$  | 10            | $23 - (18 + 5) =$  | 0  |
|           | f)          | $38 - 6 + 6 =$   | 38            | $38 - (6 + 6) =$   | 26 |
|           | g)          | $29 - 9 + 9 =$   | 29            | $29 - (9 + 9) =$   | 11 |
|           | h)          | $13 - 9 + 4 =$   | 8             | $13 - (9 + 4) =$   | 0  |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $22 + 15 - 7 =$  | 30            | $22 + (15 - 7) =$  | 30 |
|           | b)          | $31 + 15 - 10 =$ | 36            | $31 + (15 - 10) =$ | 36 |
|           | c)          | $30 + 5 - 5 =$   | 30            | $30 + (5 - 5) =$   | 30 |
|           | d)          | $23 + 10 - 6 =$  | 27            | $23 + (10 - 6) =$  | 27 |
|           | e)          | $23 + 18 - 5 =$  | 36            | $23 + (18 - 5) =$  | 36 |
|           | f)          | $38 + 6 - 6 =$   | 38            | $38 + (6 - 6) =$   | 38 |
|           | g)          | $29 + 9 - 9 =$   | 29            | $29 + (9 - 9) =$   | 29 |
|           | h)          | $13 + 9 - 4 =$   | 18            | $13 + (9 - 4) =$   | 18 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $22 - 15 - 7 =$  | 0             | $22 - (15 - 7) =$  | 14 |
|           | b)          | $31 - 15 - 10 =$ | 6             | $31 - (15 - 10) =$ | 26 |
|           | c)          | $30 - 5 - 5 =$   | 20            | $30 - (5 - 5) =$   | 30 |
|           | d)          | $23 - 10 - 6 =$  | 7             | $23 - (10 - 6) =$  | 19 |
|           | e)          | $23 - 18 - 5 =$  | 0             | $23 - (18 - 5) =$  | 10 |
|           | f)          | $38 - 6 - 6 =$   | 26            | $38 - (6 - 6) =$   | 38 |
|           | g)          | $29 - 9 - 9 =$   | 11            | $29 - (9 - 9) =$   | 29 |
|           | h)          | $13 - 9 - 4 =$   | 0             | $13 - (9 - 4) =$   | 8  |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $26 + 12 + 10 =$ | 48              | $26 + (12 + 10) =$ | 48            |  |
|    | $26 + 12 - 10 =$ | 28              | $26 + (12 - 10) =$ | 28            |  |
|    | $26 - 12 + 10 =$ | 24              | $26 - (12 + 10) =$ | 4             |  |
|    | $26 - 12 - 10 =$ | 4               | $26 - (12 - 10) =$ | 24            |  |
| b) | $22 + 14 + 8 =$  | 44              | $22 + (14 + 8) =$  | 44            |  |
|    | $22 + 14 - 8 =$  | 28              | $22 + (14 - 8) =$  | 28            |  |
|    | $22 - 14 + 8 =$  | 16              | $22 - (14 + 8) =$  | 0             |  |
|    | $22 - 14 - 8 =$  | 0               | $22 - (14 - 8) =$  | 16            |  |
| c) | $23 + 19 + 4 =$  | 46              | $23 + (19 + 4) =$  | 46            |  |
|    | $23 + 19 - 4 =$  | 38              | $23 + (19 - 4) =$  | 38            |  |
|    | $23 - 19 + 4 =$  | 8               | $23 - (19 + 4) =$  | 0             |  |
|    | $23 - 19 - 4 =$  | 0               | $23 - (19 - 4) =$  | 8             |  |
| d) | $31 + 13 + 6 =$  | 50              | $31 + (13 + 6) =$  | 50            |  |
|    | $31 + 13 - 6 =$  | 38              | $31 + (13 - 6) =$  | 38            |  |
|    | $31 - 13 + 6 =$  | 24              | $31 - (13 + 6) =$  | 12            |  |
|    | $31 - 13 - 6 =$  | 12              | $31 - (13 - 6) =$  | 24            |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $31 + 10 + 10 =$ | 51 | $31 + (10 + 10) =$ | 51 |
|    | $31 + 10 - 10 =$ | 31 | $31 + (10 - 10) =$ | 31 |
|    | $31 - 10 - 10 =$ | 11 | $31 - (10 - 10) =$ | 31 |
|    | $31 - 10 + 10 =$ | 31 | $31 - (10 + 10) =$ | 11 |
| f) | $24 + 9 + 9 =$   | 42 | $24 + (9 + 9) =$   | 42 |
|    | $24 + 9 - 9 =$   | 24 | $24 + (9 - 9) =$   | 24 |
|    | $24 - 9 - 9 =$   | 6  | $24 - (9 - 9) =$   | 24 |
|    | $24 - 9 + 9 =$   | 24 | $24 - (9 + 9) =$   | 6  |
| g) | $14 + 11 + 3 =$  | 28 | $14 + (11 + 3) =$  | 28 |
|    | $14 + 11 - 3 =$  | 22 | $14 + (11 - 3) =$  | 22 |
|    | $14 - 11 + 3 =$  | 6  | $14 - (11 + 3) =$  | 0  |
|    | $14 - 11 - 3 =$  | 0  | $14 - (11 - 3) =$  | 6  |
| h) | $37 + 9 + 9 =$   | 55 | $37 + (9 + 9) =$   | 55 |
|    | $37 + 9 - 9 =$   | 37 | $37 + (9 - 9) =$   | 37 |
|    | $37 - 9 + 9 =$   | 37 | $37 - (9 + 9) =$   | 19 |
|    | $37 - 9 - 9 =$   | 19 | $37 - (9 - 9) =$   | 37 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $10 + 4 + 4 =$  | 18            | $10 + (4 + 4) =$  | 18 |
|           | b)          | $20 + 13 + 7 =$ | 40            | $20 + (13 + 7) =$ | 40 |
|           | c)          | $26 + 7 + 4 =$  | 37            | $26 + (7 + 4) =$  | 37 |
|           | d)          | $13 + 2 + 2 =$  | 17            | $13 + (2 + 2) =$  | 17 |
|           | e)          | $24 + 19 + 4 =$ | 47            | $24 + (19 + 4) =$ | 47 |
|           | f)          | $21 + 12 + 9 =$ | 42            | $21 + (12 + 9) =$ | 42 |
|           | g)          | $39 + 5 + 5 =$  | 49            | $39 + (5 + 5) =$  | 49 |
|           | h)          | $16 + 10 + 6 =$ | 32            | $16 + (10 + 6) =$ | 32 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $10 - 4 + 4 =$  | 10            | $10 - (4 + 4) =$  | 2  |
|           | b)          | $20 - 13 + 7 =$ | 14            | $20 - (13 + 7) =$ | 0  |
|           | c)          | $26 - 7 + 4 =$  | 23            | $26 - (7 + 4) =$  | 15 |
|           | d)          | $13 - 2 + 2 =$  | 13            | $13 - (2 + 2) =$  | 9  |
|           | e)          | $24 - 19 + 4 =$ | 9             | $24 - (19 + 4) =$ | 1  |
|           | f)          | $21 - 12 + 9 =$ | 18            | $21 - (12 + 9) =$ | 0  |
|           | g)          | $39 - 5 + 5 =$  | 39            | $39 - (5 + 5) =$  | 29 |
|           | h)          | $16 - 10 + 6 =$ | 12            | $16 - (10 + 6) =$ | 0  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $10 + 4 - 4 =$  | 10            | $10 + (4 - 4) =$  | 10 |
|           | b)          | $20 + 13 - 7 =$ | 26            | $20 + (13 - 7) =$ | 26 |
|           | c)          | $26 + 7 - 4 =$  | 29            | $26 + (7 - 4) =$  | 29 |
|           | d)          | $13 + 2 - 2 =$  | 13            | $13 + (2 - 2) =$  | 13 |
|           | e)          | $24 + 19 - 4 =$ | 39            | $24 + (19 - 4) =$ | 39 |
|           | f)          | $21 + 12 - 9 =$ | 24            | $21 + (12 - 9) =$ | 24 |
|           | g)          | $39 + 5 - 5 =$  | 39            | $39 + (5 - 5) =$  | 39 |
|           | h)          | $16 + 10 - 6 =$ | 20            | $16 + (10 - 6) =$ | 20 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $10 - 4 - 4 =$  | 2             | $10 - (4 - 4) =$  | 10 |
|           | b)          | $20 - 13 - 7 =$ | 0             | $20 - (13 - 7) =$ | 14 |
|           | c)          | $26 - 7 - 4 =$  | 15            | $26 - (7 - 4) =$  | 23 |
|           | d)          | $13 - 2 - 2 =$  | 9             | $13 - (2 - 2) =$  | 13 |
|           | e)          | $24 - 19 - 4 =$ | 1             | $24 - (19 - 4) =$ | 9  |
|           | f)          | $21 - 12 - 9 =$ | 0             | $21 - (12 - 9) =$ | 18 |
|           | g)          | $39 - 5 - 5 =$  | 29            | $39 - (5 - 5) =$  | 39 |
|           | h)          | $16 - 10 - 6 =$ | 0             | $16 - (10 - 6) =$ | 12 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $20 + 7 + 7 =$  | 34              | $20 + (7 + 7) =$  | 34            |  |
|    | $20 + 7 - 7 =$  | 20              | $20 + (7 - 7) =$  | 20            |  |
|    | $20 - 7 + 7 =$  | 20              | $20 - (7 + 7) =$  | 6             |  |
|    | $20 - 7 - 7 =$  | 6               | $20 - (7 - 7) =$  | 20            |  |
| b) | $10 + 8 + 2 =$  | 20              | $10 + (8 + 2) =$  | 20            |  |
|    | $10 + 8 - 2 =$  | 16              | $10 + (8 - 2) =$  | 16            |  |
|    | $10 - 8 + 2 =$  | 4               | $10 - (8 + 2) =$  | 0             |  |
|    | $10 - 8 - 2 =$  | 0               | $10 - (8 - 2) =$  | 4             |  |
| c) | $29 + 4 + 4 =$  | 37              | $29 + (4 + 4) =$  | 37            |  |
|    | $29 + 4 - 4 =$  | 29              | $29 + (4 - 4) =$  | 29            |  |
|    | $29 - 4 + 4 =$  | 29              | $29 - (4 + 4) =$  | 21            |  |
|    | $29 - 4 - 4 =$  | 21              | $29 - (4 - 4) =$  | 29            |  |
| d) | $18 + 15 + 3 =$ | 36              | $18 + (15 + 3) =$ | 36            |  |
|    | $18 + 15 - 3 =$ | 30              | $18 + (15 - 3) =$ | 30            |  |
|    | $18 - 15 + 3 =$ | 6               | $18 - (15 + 3) =$ | 0             |  |
|    | $18 - 15 - 3 =$ | 0               | $18 - (15 - 3) =$ | 6             |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $14 + 5 + 5 =$  | 24 | $14 + (5 + 5) =$  | 24 |
|    | $14 + 5 - 5 =$  | 14 | $14 + (5 - 5) =$  | 14 |
|    | $14 - 5 - 5 =$  | 4  | $14 - (5 - 5) =$  | 14 |
|    | $14 - 5 + 5 =$  | 14 | $14 - (5 + 5) =$  | 4  |
| f) | $26 + 12 + 5 =$ | 43 | $26 + (12 + 5) =$ | 43 |
|    | $26 + 12 - 5 =$ | 33 | $26 + (12 - 5) =$ | 33 |
|    | $26 - 12 - 5 =$ | 9  | $26 - (12 - 5) =$ | 19 |
|    | $26 - 12 + 5 =$ | 19 | $26 - (12 + 5) =$ | 9  |
| g) | $35 + 19 + 8 =$ | 62 | $35 + (19 + 8) =$ | 62 |
|    | $35 + 19 - 8 =$ | 46 | $35 + (19 - 8) =$ | 46 |
|    | $35 - 19 + 8 =$ | 24 | $35 - (19 + 8) =$ | 8  |
|    | $35 - 19 - 8 =$ | 8  | $35 - (19 - 8) =$ | 24 |
| h) | $10 + 7 + 3 =$  | 20 | $10 + (7 + 3) =$  | 20 |
|    | $10 + 7 - 3 =$  | 14 | $10 + (7 - 3) =$  | 14 |
|    | $10 - 7 + 3 =$  | 6  | $10 - (7 + 3) =$  | 0  |
|    | $10 - 7 - 3 =$  | 0  | $10 - (7 - 3) =$  | 6  |

Esercizio 2

|           |                | a + ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b + c | $a + b + c$    |                  | $a + (b + c)$    |                    |    |
|           | a)             | $34 + 19 + 2 =$  | 55               | $34 + (19 + 2) =$  | 55 |
|           | b)             | $20 + 11 + 9 =$  | 40               | $20 + (11 + 9) =$  | 40 |
|           | c)             | $15 + 13 + 2 =$  | 30               | $15 + (13 + 2) =$  | 30 |
|           | d)             | $30 + 15 + 10 =$ | 55               | $30 + (15 + 10) =$ | 55 |
|           | e)             | $27 + 19 + 8 =$  | 54               | $27 + (19 + 8) =$  | 54 |
|           | f)             | $36 + 6 + 6 =$   | 48               | $36 + (6 + 6) =$   | 48 |
|           | g)             | $39 + 9 + 9 =$   | 57               | $39 + (9 + 9) =$   | 57 |
| h)        | $21 + 9 + 9 =$ | 39               | $21 + (9 + 9) =$ | 39                 |    |

|           |                | a - ...          |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
|           |                | senza parentesi  | con parentesi    |                    |    |
| ... b - c | $a - b + c$    |                  | $a - (b + c)$    |                    |    |
|           | a)             | $34 - 19 + 2 =$  | 17               | $34 - (19 + 2) =$  | 13 |
|           | b)             | $20 - 11 + 9 =$  | 18               | $20 - (11 + 9) =$  | 0  |
|           | c)             | $15 - 13 + 2 =$  | 4                | $15 - (13 + 2) =$  | 0  |
|           | d)             | $30 - 15 + 10 =$ | 25               | $30 - (15 + 10) =$ | 5  |
|           | e)             | $27 - 19 + 8 =$  | 16               | $27 - (19 + 8) =$  | 0  |
|           | f)             | $36 - 6 + 6 =$   | 36               | $36 - (6 + 6) =$   | 24 |
|           | g)             | $39 - 9 + 9 =$   | 39               | $39 - (9 + 9) =$   | 21 |
| h)        | $21 - 9 + 9 =$ | 21               | $21 - (9 + 9) =$ | 3                  |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a + b - c$    |                  | $a + (b - c)$    |                    |    |
|           | a)             | $34 + 19 - 2 =$  | 51               | $34 + (19 - 2) =$  | 51 |
|           | b)             | $20 + 11 - 9 =$  | 22               | $20 + (11 - 9) =$  | 22 |
|           | c)             | $15 + 13 - 2 =$  | 26               | $15 + (13 - 2) =$  | 26 |
|           | d)             | $30 + 15 - 10 =$ | 35               | $30 + (15 - 10) =$ | 35 |
|           | e)             | $27 + 19 - 8 =$  | 38               | $27 + (19 - 8) =$  | 38 |
|           | f)             | $36 + 6 - 6 =$   | 36               | $36 + (6 - 6) =$   | 36 |
|           | g)             | $39 + 9 - 9 =$   | 39               | $39 + (9 - 9) =$   | 39 |
| h)        | $21 + 9 - 9 =$ | 21               | $21 + (9 - 9) =$ | 21                 |    |

|           |                |                  |                  |                    |    |
|-----------|----------------|------------------|------------------|--------------------|----|
| ... b - c | $a - b - c$    |                  | $a - (b - c)$    |                    |    |
|           | a)             | $34 - 19 - 2 =$  | 13               | $34 - (19 - 2) =$  | 17 |
|           | b)             | $20 - 11 - 9 =$  | 0                | $20 - (11 - 9) =$  | 18 |
|           | c)             | $15 - 13 - 2 =$  | 0                | $15 - (13 - 2) =$  | 4  |
|           | d)             | $30 - 15 - 10 =$ | 5                | $30 - (15 - 10) =$ | 25 |
|           | e)             | $27 - 19 - 8 =$  | 0                | $27 - (19 - 8) =$  | 16 |
|           | f)             | $36 - 6 - 6 =$   | 24               | $36 - (6 - 6) =$   | 36 |
|           | g)             | $39 - 9 - 9 =$   | 21               | $39 - (9 - 9) =$   | 39 |
| h)        | $21 - 9 - 9 =$ | 3                | $21 - (9 - 9) =$ | 21                 |    |



Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $37 + 4 + 4 =$  | 45              | $37 + (4 + 4) =$  | 45            |  |
|    | $37 + 4 - 4 =$  | 37              | $37 + (4 - 4) =$  | 37            |  |
|    | $37 - 4 + 4 =$  | 37              | $37 - (4 + 4) =$  | 29            |  |
|    | $37 - 4 - 4 =$  | 29              | $37 - (4 - 4) =$  | 37            |  |
| b) | $21 + 4 + 4 =$  | 29              | $21 + (4 + 4) =$  | 29            |  |
|    | $21 + 4 - 4 =$  | 21              | $21 + (4 - 4) =$  | 21            |  |
|    | $21 - 4 + 4 =$  | 21              | $21 - (4 + 4) =$  | 13            |  |
|    | $21 - 4 - 4 =$  | 13              | $21 - (4 - 4) =$  | 21            |  |
| c) | $9 + 2 + 2 =$   | 13              | $9 + (2 + 2) =$   | 13            |  |
|    | $9 + 2 - 2 =$   | 9               | $9 + (2 - 2) =$   | 9             |  |
|    | $9 - 2 + 2 =$   | 9               | $9 - (2 + 2) =$   | 5             |  |
|    | $9 - 2 - 2 =$   | 5               | $9 - (2 - 2) =$   | 9             |  |
| d) | $18 + 15 + 3 =$ | 36              | $18 + (15 + 3) =$ | 36            |  |
|    | $18 + 15 - 3 =$ | 30              | $18 + (15 - 3) =$ | 30            |  |
|    | $18 - 15 + 3 =$ | 6               | $18 - (15 + 3) =$ | 0             |  |
|    | $18 - 15 - 3 =$ | 0               | $18 - (15 - 3) =$ | 6             |  |

|    |                  |    |                    |    |
|----|------------------|----|--------------------|----|
| e) | $16 + 11 + 4 =$  | 31 | $16 + (11 + 4) =$  | 31 |
|    | $16 + 11 - 4 =$  | 23 | $16 + (11 - 4) =$  | 23 |
|    | $16 - 11 - 4 =$  | 1  | $16 - (11 - 4) =$  | 9  |
|    | $16 - 11 + 4 =$  | 9  | $16 - (11 + 4) =$  | 1  |
| f) | $20 + 12 + 8 =$  | 40 | $20 + (12 + 8) =$  | 40 |
|    | $20 + 12 - 8 =$  | 24 | $20 + (12 - 8) =$  | 24 |
|    | $20 - 12 - 8 =$  | 0  | $20 - (12 - 8) =$  | 16 |
|    | $20 - 12 + 8 =$  | 16 | $20 - (12 + 8) =$  | 0  |
| g) | $27 + 17 + 10 =$ | 54 | $27 + (17 + 10) =$ | 54 |
|    | $27 + 17 - 10 =$ | 34 | $27 + (17 - 10) =$ | 34 |
|    | $27 - 17 + 10 =$ | 20 | $27 - (17 + 10) =$ | 0  |
|    | $27 - 17 - 10 =$ | 0  | $27 - (17 - 10) =$ | 20 |
| h) | $25 + 16 + 6 =$  | 47 | $25 + (16 + 6) =$  | 47 |
|    | $25 + 16 - 6 =$  | 35 | $25 + (16 - 6) =$  | 35 |
|    | $25 - 16 + 6 =$  | 15 | $25 - (16 + 6) =$  | 3  |
|    | $25 - 16 - 6 =$  | 3  | $25 - (16 - 6) =$  | 15 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $31 + 10 + 10 =$ | 51            | $31 + (10 + 10) =$ | 51 |
|           | b)          | $24 + 16 + 8 =$  | 48            | $24 + (16 + 8) =$  | 48 |
|           | c)          | $24 + 14 + 10 =$ | 48            | $24 + (14 + 10) =$ | 48 |
|           | d)          | $25 + 17 + 4 =$  | 46            | $25 + (17 + 4) =$  | 46 |
|           | e)          | $10 + 8 + 2 =$   | 20            | $10 + (8 + 2) =$   | 20 |
|           | f)          | $28 + 5 + 5 =$   | 38            | $28 + (5 + 5) =$   | 38 |
|           | g)          | $27 + 8 + 8 =$   | 43            | $27 + (8 + 8) =$   | 43 |
|           | h)          | $37 + 10 + 8 =$  | 55            | $37 + (10 + 8) =$  | 55 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $31 - 10 + 10 =$ | 31            | $31 - (10 + 10) =$ | 11 |
|           | b)          | $24 - 16 + 8 =$  | 16            | $24 - (16 + 8) =$  | 0  |
|           | c)          | $24 - 14 + 10 =$ | 20            | $24 - (14 + 10) =$ | 0  |
|           | d)          | $25 - 17 + 4 =$  | 12            | $25 - (17 + 4) =$  | 4  |
|           | e)          | $10 - 8 + 2 =$   | 4             | $10 - (8 + 2) =$   | 0  |
|           | f)          | $28 - 5 + 5 =$   | 28            | $28 - (5 + 5) =$   | 18 |
|           | g)          | $27 - 8 + 8 =$   | 27            | $27 - (8 + 8) =$   | 11 |
|           | h)          | $37 - 10 + 8 =$  | 35            | $37 - (10 + 8) =$  | 19 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $31 + 10 - 10 =$ | 31            | $31 + (10 - 10) =$ | 31 |
|           | b)          | $24 + 16 - 8 =$  | 32            | $24 + (16 - 8) =$  | 32 |
|           | c)          | $24 + 14 - 10 =$ | 28            | $24 + (14 - 10) =$ | 28 |
|           | d)          | $25 + 17 - 4 =$  | 38            | $25 + (17 - 4) =$  | 38 |
|           | e)          | $10 + 8 - 2 =$   | 16            | $10 + (8 - 2) =$   | 16 |
|           | f)          | $28 + 5 - 5 =$   | 28            | $28 + (5 - 5) =$   | 28 |
|           | g)          | $27 + 8 - 8 =$   | 27            | $27 + (8 - 8) =$   | 27 |
|           | h)          | $37 + 10 - 8 =$  | 39            | $37 + (10 - 8) =$  | 39 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $31 - 10 - 10 =$ | 11            | $31 - (10 - 10) =$ | 31 |
|           | b)          | $24 - 16 - 8 =$  | 0             | $24 - (16 - 8) =$  | 16 |
|           | c)          | $24 - 14 - 10 =$ | 0             | $24 - (14 - 10) =$ | 20 |
|           | d)          | $25 - 17 - 4 =$  | 4             | $25 - (17 - 4) =$  | 12 |
|           | e)          | $10 - 8 - 2 =$   | 0             | $10 - (8 - 2) =$   | 4  |
|           | f)          | $28 - 5 - 5 =$   | 18            | $28 - (5 - 5) =$   | 28 |
|           | g)          | $27 - 8 - 8 =$   | 11            | $27 - (8 - 8) =$   | 27 |
|           | h)          | $37 - 10 - 8 =$  | 19            | $37 - (10 - 8) =$  | 35 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $16 + 14 + 2 =$  | 32              | $16 + (14 + 2) =$  | 32            |  |
|    | $16 + 14 - 2 =$  | 28              | $16 + (14 - 2) =$  | 28            |  |
|    | $16 - 14 + 2 =$  | 4               | $16 - (14 + 2) =$  | 0             |  |
|    | $16 - 14 - 2 =$  | 0               | $16 - (14 - 2) =$  | 4             |  |
| b) | $34 + 19 + 10 =$ | 63              | $34 + (19 + 10) =$ | 63            |  |
|    | $34 + 19 - 10 =$ | 43              | $34 + (19 - 10) =$ | 43            |  |
|    | $34 - 19 + 10 =$ | 25              | $34 - (19 + 10) =$ | 5             |  |
|    | $34 - 19 - 10 =$ | 5               | $34 - (19 - 10) =$ | 25            |  |
| c) | $22 + 2 + 2 =$   | 26              | $22 + (2 + 2) =$   | 26            |  |
|    | $22 + 2 - 2 =$   | 22              | $22 + (2 - 2) =$   | 22            |  |
|    | $22 - 2 + 2 =$   | 22              | $22 - (2 + 2) =$   | 18            |  |
|    | $22 - 2 - 2 =$   | 18              | $22 - (2 - 2) =$   | 22            |  |
| d) | $28 + 14 + 8 =$  | 50              | $28 + (14 + 8) =$  | 50            |  |
|    | $28 + 14 - 8 =$  | 34              | $28 + (14 - 8) =$  | 34            |  |
|    | $28 - 14 + 8 =$  | 22              | $28 - (14 + 8) =$  | 6             |  |
|    | $28 - 14 - 8 =$  | 6               | $28 - (14 - 8) =$  | 22            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $15 + 7 + 7 =$  | 29 | $15 + (7 + 7) =$  | 29 |
|    | $15 + 7 - 7 =$  | 15 | $15 + (7 - 7) =$  | 15 |
|    | $15 - 7 - 7 =$  | 1  | $15 - (7 - 7) =$  | 15 |
|    | $15 - 7 + 7 =$  | 15 | $15 - (7 + 7) =$  | 1  |
| f) | $14 + 10 + 4 =$ | 28 | $14 + (10 + 4) =$ | 28 |
|    | $14 + 10 - 4 =$ | 20 | $14 + (10 - 4) =$ | 20 |
|    | $14 - 10 - 4 =$ | 0  | $14 - (10 - 4) =$ | 8  |
|    | $14 - 10 + 4 =$ | 8  | $14 - (10 + 4) =$ | 0  |
| g) | $29 + 8 + 8 =$  | 45 | $29 + (8 + 8) =$  | 45 |
|    | $29 + 8 - 8 =$  | 29 | $29 + (8 - 8) =$  | 29 |
|    | $29 - 8 + 8 =$  | 29 | $29 - (8 + 8) =$  | 13 |
|    | $29 - 8 - 8 =$  | 13 | $29 - (8 - 8) =$  | 29 |
| h) | $18 + 11 + 7 =$ | 36 | $18 + (11 + 7) =$ | 36 |
|    | $18 + 11 - 7 =$ | 22 | $18 + (11 - 7) =$ | 22 |
|    | $18 - 11 + 7 =$ | 14 | $18 - (11 + 7) =$ | 0  |
|    | $18 - 11 - 7 =$ | 0  | $18 - (11 - 7) =$ | 14 |

Esercizio 2

|           |                | a + ...         |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
|           |                | senza parentesi | con parentesi    |                   |    |
| ... b + c | $a + b + c$    |                 | $a + (b + c)$    |                   |    |
|           | a)             | $14 + 11 + 3 =$ | 28               | $14 + (11 + 3) =$ | 28 |
|           | b)             | $16 + 15 + 1 =$ | 32               | $16 + (15 + 1) =$ | 32 |
|           | c)             | $19 + 11 + 8 =$ | 38               | $19 + (11 + 8) =$ | 38 |
|           | d)             | $26 + 1 + 1 =$  | 28               | $26 + (1 + 1) =$  | 28 |
|           | e)             | $31 + 17 + 2 =$ | 50               | $31 + (17 + 2) =$ | 50 |
|           | f)             | $34 + 9 + 9 =$  | 52               | $34 + (9 + 9) =$  | 52 |
|           | g)             | $30 + 15 + 4 =$ | 49               | $30 + (15 + 4) =$ | 49 |
| h)        | $37 + 9 + 9 =$ | 55              | $37 + (9 + 9) =$ | 55                |    |

|           |                | a - ...         |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
|           |                | senza parentesi | con parentesi    |                   |    |
| ... b - c | $a - b + c$    |                 | $a - (b + c)$    |                   |    |
|           | a)             | $14 - 11 + 3 =$ | 6                | $14 - (11 + 3) =$ | 0  |
|           | b)             | $16 - 15 + 1 =$ | 2                | $16 - (15 + 1) =$ | 0  |
|           | c)             | $19 - 11 + 8 =$ | 16               | $19 - (11 + 8) =$ | 0  |
|           | d)             | $26 - 1 + 1 =$  | 26               | $26 - (1 + 1) =$  | 24 |
|           | e)             | $31 - 17 + 2 =$ | 16               | $31 - (17 + 2) =$ | 12 |
|           | f)             | $34 - 9 + 9 =$  | 34               | $34 - (9 + 9) =$  | 16 |
|           | g)             | $30 - 15 + 4 =$ | 19               | $30 - (15 + 4) =$ | 11 |
| h)        | $37 - 9 + 9 =$ | 37              | $37 - (9 + 9) =$ | 19                |    |

|           |                |                 |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
| ... b - c | $a + b - c$    |                 | $a + (b - c)$    |                   |    |
|           | a)             | $14 + 11 - 3 =$ | 22               | $14 + (11 - 3) =$ | 22 |
|           | b)             | $16 + 15 - 1 =$ | 30               | $16 + (15 - 1) =$ | 30 |
|           | c)             | $19 + 11 - 8 =$ | 22               | $19 + (11 - 8) =$ | 22 |
|           | d)             | $26 + 1 - 1 =$  | 26               | $26 + (1 - 1) =$  | 26 |
|           | e)             | $31 + 17 - 2 =$ | 46               | $31 + (17 - 2) =$ | 46 |
|           | f)             | $34 + 9 - 9 =$  | 34               | $34 + (9 - 9) =$  | 34 |
|           | g)             | $30 + 15 - 4 =$ | 41               | $30 + (15 - 4) =$ | 41 |
| h)        | $37 + 9 - 9 =$ | 37              | $37 + (9 - 9) =$ | 37                |    |

|           |                |                 |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
| ... b - c | $a - b - c$    |                 | $a - (b - c)$    |                   |    |
|           | a)             | $14 - 11 - 3 =$ | 0                | $14 - (11 - 3) =$ | 6  |
|           | b)             | $16 - 15 - 1 =$ | 0                | $16 - (15 - 1) =$ | 2  |
|           | c)             | $19 - 11 - 8 =$ | 0                | $19 - (11 - 8) =$ | 16 |
|           | d)             | $26 - 1 - 1 =$  | 24               | $26 - (1 - 1) =$  | 26 |
|           | e)             | $31 - 17 - 2 =$ | 12               | $31 - (17 - 2) =$ | 16 |
|           | f)             | $34 - 9 - 9 =$  | 16               | $34 - (9 - 9) =$  | 34 |
|           | g)             | $30 - 15 - 4 =$ | 11               | $30 - (15 - 4) =$ | 19 |
| h)        | $37 - 9 - 9 =$ | 19              | $37 - (9 - 9) =$ | 37                |    |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $33 + 5 + 5 =$  | 43              | $33 + (5 + 5) =$  | 43            |  |
|    | $33 + 5 - 5 =$  | 33              | $33 + (5 - 5) =$  | 33            |  |
|    | $33 - 5 + 5 =$  | 33              | $33 - (5 + 5) =$  | 23            |  |
|    | $33 - 5 - 5 =$  | 23              | $33 - (5 - 5) =$  | 33            |  |
| b) | $35 + 1 + 1 =$  | 37              | $35 + (1 + 1) =$  | 37            |  |
|    | $35 + 1 - 1 =$  | 35              | $35 + (1 - 1) =$  | 35            |  |
|    | $35 - 1 + 1 =$  | 35              | $35 - (1 + 1) =$  | 33            |  |
|    | $35 - 1 - 1 =$  | 33              | $35 - (1 - 1) =$  | 35            |  |
| c) | $28 + 20 + 8 =$ | 56              | $28 + (20 + 8) =$ | 56            |  |
|    | $28 + 20 - 8 =$ | 40              | $28 + (20 - 8) =$ | 40            |  |
|    | $28 - 20 + 8 =$ | 16              | $28 - (20 + 8) =$ | 0             |  |
|    | $28 - 20 - 8 =$ | 0               | $28 - (20 - 8) =$ | 16            |  |
| d) | $18 + 4 + 3 =$  | 25              | $18 + (4 + 3) =$  | 25            |  |
|    | $18 + 4 - 3 =$  | 19              | $18 + (4 - 3) =$  | 19            |  |
|    | $18 - 4 + 3 =$  | 17              | $18 - (4 + 3) =$  | 11            |  |
|    | $18 - 4 - 3 =$  | 11              | $18 - (4 - 3) =$  | 17            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $23 + 18 + 4 =$ | 45 | $23 + (18 + 4) =$ | 45 |
|    | $23 + 18 - 4 =$ | 37 | $23 + (18 - 4) =$ | 37 |
|    | $23 - 18 - 4 =$ | 1  | $23 - (18 - 4) =$ | 9  |
|    | $23 - 18 + 4 =$ | 9  | $23 - (18 + 4) =$ | 1  |
| f) | $29 + 8 + 8 =$  | 45 | $29 + (8 + 8) =$  | 45 |
|    | $29 + 8 - 8 =$  | 29 | $29 + (8 - 8) =$  | 29 |
|    | $29 - 8 - 8 =$  | 13 | $29 - (8 - 8) =$  | 29 |
|    | $29 - 8 + 8 =$  | 29 | $29 - (8 + 8) =$  | 13 |
| g) | $23 + 17 + 6 =$ | 46 | $23 + (17 + 6) =$ | 46 |
|    | $23 + 17 - 6 =$ | 34 | $23 + (17 - 6) =$ | 34 |
|    | $23 - 17 + 6 =$ | 12 | $23 - (17 + 6) =$ | 0  |
|    | $23 - 17 - 6 =$ | 0  | $23 - (17 - 6) =$ | 12 |
| h) | $15 + 10 + 5 =$ | 30 | $15 + (10 + 5) =$ | 30 |
|    | $15 + 10 - 5 =$ | 20 | $15 + (10 - 5) =$ | 20 |
|    | $15 - 10 + 5 =$ | 10 | $15 - (10 + 5) =$ | 0  |
|    | $15 - 10 - 5 =$ | 0  | $15 - (10 - 5) =$ | 10 |

Esercizio 2

|           |             | a + ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b + c | $a + b + c$ |                 | $a + (b + c)$ |                   |    |
|           | a)          | $33 + 8 + 8 =$  | 49            | $33 + (8 + 8) =$  | 49 |
|           | b)          | $28 + 12 + 3 =$ | 43            | $28 + (12 + 3) =$ | 43 |
|           | c)          | $28 + 19 + 9 =$ | 56            | $28 + (19 + 9) =$ | 56 |
|           | d)          | $29 + 7 + 7 =$  | 43            | $29 + (7 + 7) =$  | 43 |
|           | e)          | $23 + 16 + 7 =$ | 46            | $23 + (16 + 7) =$ | 46 |
|           | f)          | $28 + 8 + 8 =$  | 44            | $28 + (8 + 8) =$  | 44 |
|           | g)          | $17 + 12 + 5 =$ | 34            | $17 + (12 + 5) =$ | 34 |
|           | h)          | $22 + 12 + 8 =$ | 42            | $22 + (12 + 8) =$ | 42 |

|           |             | a - ...         |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
|           |             | senza parentesi | con parentesi |                   |    |
| ... b - c | $a - b + c$ |                 | $a - (b + c)$ |                   |    |
|           | a)          | $33 - 8 + 8 =$  | 33            | $33 - (8 + 8) =$  | 17 |
|           | b)          | $28 - 12 + 3 =$ | 19            | $28 - (12 + 3) =$ | 13 |
|           | c)          | $28 - 19 + 9 =$ | 18            | $28 - (19 + 9) =$ | 0  |
|           | d)          | $29 - 7 + 7 =$  | 29            | $29 - (7 + 7) =$  | 15 |
|           | e)          | $23 - 16 + 7 =$ | 14            | $23 - (16 + 7) =$ | 0  |
|           | f)          | $28 - 8 + 8 =$  | 28            | $28 - (8 + 8) =$  | 12 |
|           | g)          | $17 - 12 + 5 =$ | 10            | $17 - (12 + 5) =$ | 0  |
|           | h)          | $22 - 12 + 8 =$ | 18            | $22 - (12 + 8) =$ | 2  |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a + b - c$ |                 | $a + (b - c)$ |                   |    |
|           | a)          | $33 + 8 - 8 =$  | 33            | $33 + (8 - 8) =$  | 33 |
|           | b)          | $28 + 12 - 3 =$ | 37            | $28 + (12 - 3) =$ | 37 |
|           | c)          | $28 + 19 - 9 =$ | 38            | $28 + (19 - 9) =$ | 38 |
|           | d)          | $29 + 7 - 7 =$  | 29            | $29 + (7 - 7) =$  | 29 |
|           | e)          | $23 + 16 - 7 =$ | 32            | $23 + (16 - 7) =$ | 32 |
|           | f)          | $28 + 8 - 8 =$  | 28            | $28 + (8 - 8) =$  | 28 |
|           | g)          | $17 + 12 - 5 =$ | 24            | $17 + (12 - 5) =$ | 24 |
|           | h)          | $22 + 12 - 8 =$ | 26            | $22 + (12 - 8) =$ | 26 |

|           |             |                 |               |                   |    |
|-----------|-------------|-----------------|---------------|-------------------|----|
| ... b - c | $a - b - c$ |                 | $a - (b - c)$ |                   |    |
|           | a)          | $33 - 8 - 8 =$  | 17            | $33 - (8 - 8) =$  | 33 |
|           | b)          | $28 - 12 - 3 =$ | 13            | $28 - (12 - 3) =$ | 19 |
|           | c)          | $28 - 19 - 9 =$ | 0             | $28 - (19 - 9) =$ | 18 |
|           | d)          | $29 - 7 - 7 =$  | 15            | $29 - (7 - 7) =$  | 29 |
|           | e)          | $23 - 16 - 7 =$ | 0             | $23 - (16 - 7) =$ | 14 |
|           | f)          | $28 - 8 - 8 =$  | 12            | $28 - (8 - 8) =$  | 28 |
|           | g)          | $17 - 12 - 5 =$ | 0             | $17 - (12 - 5) =$ | 10 |
|           | h)          | $22 - 12 - 8 =$ | 2             | $22 - (12 - 8) =$ | 18 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $36 + 2 + 2 =$  | 40              | $36 + (2 + 2) =$  | 40            |  |
|    | $36 + 2 - 2 =$  | 36              | $36 + (2 - 2) =$  | 36            |  |
|    | $36 - 2 + 2 =$  | 36              | $36 - (2 + 2) =$  | 32            |  |
|    | $36 - 2 - 2 =$  | 32              | $36 - (2 - 2) =$  | 36            |  |
| b) | $24 + 4 + 4 =$  | 32              | $24 + (4 + 4) =$  | 32            |  |
|    | $24 + 4 - 4 =$  | 24              | $24 + (4 - 4) =$  | 24            |  |
|    | $24 - 4 + 4 =$  | 24              | $24 - (4 + 4) =$  | 16            |  |
|    | $24 - 4 - 4 =$  | 16              | $24 - (4 - 4) =$  | 24            |  |
| c) | $38 + 5 + 2 =$  | 45              | $38 + (5 + 2) =$  | 45            |  |
|    | $38 + 5 - 2 =$  | 41              | $38 + (5 - 2) =$  | 41            |  |
|    | $38 - 5 + 2 =$  | 35              | $38 - (5 + 2) =$  | 31            |  |
|    | $38 - 5 - 2 =$  | 31              | $38 - (5 - 2) =$  | 35            |  |
| d) | $23 + 14 + 9 =$ | 46              | $23 + (14 + 9) =$ | 46            |  |
|    | $23 + 14 - 9 =$ | 28              | $23 + (14 - 9) =$ | 28            |  |
|    | $23 - 14 + 9 =$ | 18              | $23 - (14 + 9) =$ | 0             |  |
|    | $23 - 14 - 9 =$ | 0               | $23 - (14 - 9) =$ | 18            |  |

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| e) | $15 + 14 + 1 =$ | 30              | $15 + (14 + 1) =$ | 30            |  |
|    | $15 + 14 - 1 =$ | 28              | $15 + (14 - 1) =$ | 28            |  |
|    | $15 - 14 - 1 =$ | 0               | $15 - (14 - 1) =$ | 2             |  |
|    | $15 - 14 + 1 =$ | 2               | $15 - (14 + 1) =$ | 0             |  |
| f) | $11 + 8 + 3 =$  | 22              | $11 + (8 + 3) =$  | 22            |  |
|    | $11 + 8 - 3 =$  | 16              | $11 + (8 - 3) =$  | 16            |  |
|    | $11 - 8 - 3 =$  | 0               | $11 - (8 - 3) =$  | 6             |  |
|    | $11 - 8 + 3 =$  | 6               | $11 - (8 + 3) =$  | 0             |  |
| g) | $24 + 8 + 8 =$  | 40              | $24 + (8 + 8) =$  | 40            |  |
|    | $24 + 8 - 8 =$  | 24              | $24 + (8 - 8) =$  | 24            |  |
|    | $24 - 8 + 8 =$  | 24              | $24 - (8 + 8) =$  | 8             |  |
|    | $24 - 8 - 8 =$  | 8               | $24 - (8 - 8) =$  | 24            |  |
| h) | $22 + 10 + 1 =$ | 33              | $22 + (10 + 1) =$ | 33            |  |
|    | $22 + 10 - 1 =$ | 31              | $22 + (10 - 1) =$ | 31            |  |
|    | $22 - 10 + 1 =$ | 13              | $22 - (10 + 1) =$ | 11            |  |
|    | $22 - 10 - 1 =$ | 11              | $22 - (10 - 1) =$ | 13            |  |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $21 + 18 + 3 =$  | 42            | $21 + (18 + 3) =$  | 42 |
|           | b)          | $39 + 6 + 6 =$   | 51            | $39 + (6 + 6) =$   | 51 |
|           | c)          | $30 + 10 + 10 =$ | 50            | $30 + (10 + 10) =$ | 50 |
|           | d)          | $16 + 3 + 3 =$   | 22            | $16 + (3 + 3) =$   | 22 |
|           | e)          | $20 + 17 + 3 =$  | 40            | $20 + (17 + 3) =$  | 40 |
|           | f)          | $26 + 18 + 6 =$  | 50            | $26 + (18 + 6) =$  | 50 |
|           | g)          | $25 + 18 + 7 =$  | 50            | $25 + (18 + 7) =$  | 50 |
|           | h)          | $12 + 6 + 2 =$   | 20            | $12 + (6 + 2) =$   | 20 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $21 - 18 + 3 =$  | 6             | $21 - (18 + 3) =$  | 0  |
|           | b)          | $39 - 6 + 6 =$   | 39            | $39 - (6 + 6) =$   | 27 |
|           | c)          | $30 - 10 + 10 =$ | 30            | $30 - (10 + 10) =$ | 10 |
|           | d)          | $16 - 3 + 3 =$   | 16            | $16 - (3 + 3) =$   | 10 |
|           | e)          | $20 - 17 + 3 =$  | 6             | $20 - (17 + 3) =$  | 0  |
|           | f)          | $26 - 18 + 6 =$  | 14            | $26 - (18 + 6) =$  | 2  |
|           | g)          | $25 - 18 + 7 =$  | 14            | $25 - (18 + 7) =$  | 0  |
|           | h)          | $12 - 6 + 2 =$   | 8             | $12 - (6 + 2) =$   | 4  |

|           |             | a + b - c        |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $21 + 18 - 3 =$  | 36            | $21 + (18 - 3) =$  | 36 |
|           | b)          | $39 + 6 - 6 =$   | 39            | $39 + (6 - 6) =$   | 39 |
|           | c)          | $30 + 10 - 10 =$ | 30            | $30 + (10 - 10) =$ | 30 |
|           | d)          | $16 + 3 - 3 =$   | 16            | $16 + (3 - 3) =$   | 16 |
|           | e)          | $20 + 17 - 3 =$  | 34            | $20 + (17 - 3) =$  | 34 |
|           | f)          | $26 + 18 - 6 =$  | 38            | $26 + (18 - 6) =$  | 38 |
|           | g)          | $25 + 18 - 7 =$  | 36            | $25 + (18 - 7) =$  | 36 |
|           | h)          | $12 + 6 - 2 =$   | 16            | $12 + (6 - 2) =$   | 16 |

|           |             | a - b - c        |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $21 - 18 - 3 =$  | 0             | $21 - (18 - 3) =$  | 6  |
|           | b)          | $39 - 6 - 6 =$   | 27            | $39 - (6 - 6) =$   | 39 |
|           | c)          | $30 - 10 - 10 =$ | 10            | $30 - (10 - 10) =$ | 30 |
|           | d)          | $16 - 3 - 3 =$   | 10            | $16 - (3 - 3) =$   | 16 |
|           | e)          | $20 - 17 - 3 =$  | 0             | $20 - (17 - 3) =$  | 6  |
|           | f)          | $26 - 18 - 6 =$  | 2             | $26 - (18 - 6) =$  | 14 |
|           | g)          | $25 - 18 - 7 =$  | 0             | $25 - (18 - 7) =$  | 14 |
|           | h)          | $12 - 6 - 2 =$   | 4             | $12 - (6 - 2) =$   | 8  |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                  | senza parentesi |                    | con parentesi |  |
|----|------------------|-----------------|--------------------|---------------|--|
| a) | $34 + 9 + 9 =$   | 52              | $34 + (9 + 9) =$   | 52            |  |
|    | $34 + 9 - 9 =$   | 34              | $34 + (9 - 9) =$   | 34            |  |
|    | $34 - 9 + 9 =$   | 34              | $34 - (9 + 9) =$   | 16            |  |
|    | $34 - 9 - 9 =$   | 16              | $34 - (9 - 9) =$   | 34            |  |
| b) | $39 + 2 + 2 =$   | 43              | $39 + (2 + 2) =$   | 43            |  |
|    | $39 + 2 - 2 =$   | 39              | $39 + (2 - 2) =$   | 39            |  |
|    | $39 - 2 + 2 =$   | 39              | $39 - (2 + 2) =$   | 35            |  |
|    | $39 - 2 - 2 =$   | 35              | $39 - (2 - 2) =$   | 39            |  |
| c) | $22 + 17 + 5 =$  | 44              | $22 + (17 + 5) =$  | 44            |  |
|    | $22 + 17 - 5 =$  | 34              | $22 + (17 - 5) =$  | 34            |  |
|    | $22 - 17 + 5 =$  | 10              | $22 - (17 + 5) =$  | 0             |  |
|    | $22 - 17 - 5 =$  | 0               | $22 - (17 - 5) =$  | 10            |  |
| d) | $27 + 17 + 10 =$ | 54              | $27 + (17 + 10) =$ | 54            |  |
|    | $27 + 17 - 10 =$ | 34              | $27 + (17 - 10) =$ | 34            |  |
|    | $27 - 17 + 10 =$ | 20              | $27 - (17 + 10) =$ | 0             |  |
|    | $27 - 17 - 10 =$ | 0               | $27 - (17 - 10) =$ | 20            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $33 + 8 + 8 =$  | 49 | $33 + (8 + 8) =$  | 49 |
|    | $33 + 8 - 8 =$  | 33 | $33 + (8 - 8) =$  | 33 |
|    | $33 - 8 - 8 =$  | 17 | $33 - (8 - 8) =$  | 33 |
|    | $33 - 8 + 8 =$  | 33 | $33 - (8 + 8) =$  | 17 |
| f) | $24 + 16 + 8 =$ | 48 | $24 + (16 + 8) =$ | 48 |
|    | $24 + 16 - 8 =$ | 32 | $24 + (16 - 8) =$ | 32 |
|    | $24 - 16 - 8 =$ | 0  | $24 - (16 - 8) =$ | 16 |
|    | $24 - 16 + 8 =$ | 16 | $24 - (16 + 8) =$ | 0  |
| g) | $27 + 16 + 5 =$ | 48 | $27 + (16 + 5) =$ | 48 |
|    | $27 + 16 - 5 =$ | 38 | $27 + (16 - 5) =$ | 38 |
|    | $27 - 16 + 5 =$ | 16 | $27 - (16 + 5) =$ | 6  |
|    | $27 - 16 - 5 =$ | 6  | $27 - (16 - 5) =$ | 16 |
| h) | $25 + 8 + 6 =$  | 39 | $25 + (8 + 6) =$  | 39 |
|    | $25 + 8 - 6 =$  | 27 | $25 + (8 - 6) =$  | 27 |
|    | $25 - 8 + 6 =$  | 23 | $25 - (8 + 6) =$  | 11 |
|    | $25 - 8 - 6 =$  | 11 | $25 - (8 - 6) =$  | 23 |

Esercizio 2

|           |             | a + ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b + c | $a + b + c$ |                  | $a + (b + c)$ |                    |    |
|           | a)          | $18 + 11 + 7 =$  | 36            | $18 + (11 + 7) =$  | 36 |
|           | b)          | $28 + 8 + 8 =$   | 44            | $28 + (8 + 8) =$   | 44 |
|           | c)          | $31 + 1 + 1 =$   | 33            | $31 + (1 + 1) =$   | 33 |
|           | d)          | $37 + 8 + 8 =$   | 53            | $37 + (8 + 8) =$   | 53 |
|           | e)          | $14 + 9 + 5 =$   | 28            | $14 + (9 + 5) =$   | 28 |
|           | f)          | $8 + 6 + 2 =$    | 16            | $8 + (6 + 2) =$    | 16 |
|           | g)          | $32 + 3 + 1 =$   | 36            | $32 + (3 + 1) =$   | 36 |
|           | h)          | $36 + 12 + 10 =$ | 58            | $36 + (12 + 10) =$ | 58 |

|           |             | a - ...          |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
|           |             | senza parentesi  | con parentesi |                    |    |
| ... b - c | $a - b + c$ |                  | $a - (b + c)$ |                    |    |
|           | a)          | $18 - 11 + 7 =$  | 14            | $18 - (11 + 7) =$  | 0  |
|           | b)          | $28 - 8 + 8 =$   | 28            | $28 - (8 + 8) =$   | 12 |
|           | c)          | $31 - 1 + 1 =$   | 31            | $31 - (1 + 1) =$   | 29 |
|           | d)          | $37 - 8 + 8 =$   | 37            | $37 - (8 + 8) =$   | 21 |
|           | e)          | $14 - 9 + 5 =$   | 10            | $14 - (9 + 5) =$   | 0  |
|           | f)          | $8 - 6 + 2 =$    | 4             | $8 - (6 + 2) =$    | 0  |
|           | g)          | $32 - 3 + 1 =$   | 30            | $32 - (3 + 1) =$   | 28 |
|           | h)          | $36 - 12 + 10 =$ | 34            | $36 - (12 + 10) =$ | 14 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a + b - c$ |                  | $a + (b - c)$ |                    |    |
|           | a)          | $18 + 11 - 7 =$  | 22            | $18 + (11 - 7) =$  | 22 |
|           | b)          | $28 + 8 - 8 =$   | 28            | $28 + (8 - 8) =$   | 28 |
|           | c)          | $31 + 1 - 1 =$   | 31            | $31 + (1 - 1) =$   | 31 |
|           | d)          | $37 + 8 - 8 =$   | 37            | $37 + (8 - 8) =$   | 37 |
|           | e)          | $14 + 9 - 5 =$   | 18            | $14 + (9 - 5) =$   | 18 |
|           | f)          | $8 + 6 - 2 =$    | 12            | $8 + (6 - 2) =$    | 12 |
|           | g)          | $32 + 3 - 1 =$   | 34            | $32 + (3 - 1) =$   | 34 |
|           | h)          | $36 + 12 - 10 =$ | 38            | $36 + (12 - 10) =$ | 38 |

|           |             |                  |               |                    |    |
|-----------|-------------|------------------|---------------|--------------------|----|
| ... b - c | $a - b - c$ |                  | $a - (b - c)$ |                    |    |
|           | a)          | $18 - 11 - 7 =$  | 0             | $18 - (11 - 7) =$  | 14 |
|           | b)          | $28 - 8 - 8 =$   | 12            | $28 - (8 - 8) =$   | 28 |
|           | c)          | $31 - 1 - 1 =$   | 29            | $31 - (1 - 1) =$   | 31 |
|           | d)          | $37 - 8 - 8 =$   | 21            | $37 - (8 - 8) =$   | 37 |
|           | e)          | $14 - 9 - 5 =$   | 0             | $14 - (9 - 5) =$   | 10 |
|           | f)          | $8 - 6 - 2 =$    | 0             | $8 - (6 - 2) =$    | 4  |
|           | g)          | $32 - 3 - 1 =$   | 28            | $32 - (3 - 1) =$   | 30 |
|           | h)          | $36 - 12 - 10 =$ | 14            | $36 - (12 - 10) =$ | 34 |

Espressioni  $a \pm b \pm c$  e  $a \pm (b \pm c)$  a confronto

Esercizio 1

|    |                 | senza parentesi |                   | con parentesi |  |
|----|-----------------|-----------------|-------------------|---------------|--|
| a) | $24 + 17 + 7 =$ | 48              | $24 + (17 + 7) =$ | 48            |  |
|    | $24 + 17 - 7 =$ | 34              | $24 + (17 - 7) =$ | 34            |  |
|    | $24 - 17 + 7 =$ | 14              | $24 - (17 + 7) =$ | 0             |  |
|    | $24 - 17 - 7 =$ | 0               | $24 - (17 - 7) =$ | 14            |  |
| b) | $18 + 5 + 5 =$  | 28              | $18 + (5 + 5) =$  | 28            |  |
|    | $18 + 5 - 5 =$  | 18              | $18 + (5 - 5) =$  | 18            |  |
|    | $18 - 5 + 5 =$  | 18              | $18 - (5 + 5) =$  | 8             |  |
|    | $18 - 5 - 5 =$  | 8               | $18 - (5 - 5) =$  | 18            |  |
| c) | $16 + 7 + 7 =$  | 30              | $16 + (7 + 7) =$  | 30            |  |
|    | $16 + 7 - 7 =$  | 16              | $16 + (7 - 7) =$  | 16            |  |
|    | $16 - 7 + 7 =$  | 16              | $16 - (7 + 7) =$  | 2             |  |
|    | $16 - 7 - 7 =$  | 2               | $16 - (7 - 7) =$  | 16            |  |
| d) | $29 + 11 + 9 =$ | 49              | $29 + (11 + 9) =$ | 49            |  |
|    | $29 + 11 - 9 =$ | 31              | $29 + (11 - 9) =$ | 31            |  |
|    | $29 - 11 + 9 =$ | 27              | $29 - (11 + 9) =$ | 9             |  |
|    | $29 - 11 - 9 =$ | 9               | $29 - (11 - 9) =$ | 27            |  |

|    |                 |    |                   |    |
|----|-----------------|----|-------------------|----|
| e) | $23 + 16 + 3 =$ | 42 | $23 + (16 + 3) =$ | 42 |
|    | $23 + 16 - 3 =$ | 36 | $23 + (16 - 3) =$ | 36 |
|    | $23 - 16 + 3 =$ | 4  | $23 - (16 - 3) =$ | 10 |
|    | $23 - 16 - 3 =$ | 10 | $23 - (16 + 3) =$ | 4  |
| f) | $10 + 6 + 4 =$  | 20 | $10 + (6 + 4) =$  | 20 |
|    | $10 + 6 - 4 =$  | 12 | $10 + (6 - 4) =$  | 12 |
|    | $10 - 6 + 4 =$  | 0  | $10 - (6 - 4) =$  | 8  |
|    | $10 - 6 - 4 =$  | 8  | $10 - (6 + 4) =$  | 0  |
| g) | $10 + 2 + 2 =$  | 14 | $10 + (2 + 2) =$  | 14 |
|    | $10 + 2 - 2 =$  | 10 | $10 + (2 - 2) =$  | 10 |
|    | $10 - 2 + 2 =$  | 10 | $10 - (2 + 2) =$  | 6  |
|    | $10 - 2 - 2 =$  | 6  | $10 - (2 - 2) =$  | 10 |
| h) | $12 + 8 + 4 =$  | 24 | $12 + (8 + 4) =$  | 24 |
|    | $12 + 8 - 4 =$  | 16 | $12 + (8 - 4) =$  | 16 |
|    | $12 - 8 + 4 =$  | 8  | $12 - (8 + 4) =$  | 0  |
|    | $12 - 8 - 4 =$  | 0  | $12 - (8 - 4) =$  | 8  |

Esercizio 2

|           |                | a + ...         |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
|           |                | senza parentesi | con parentesi    |                   |    |
| ... b + c | $a + b + c$    |                 | $a + (b + c)$    |                   |    |
|           | a)             | $28 + 9 + 9 =$  | 46               | $28 + (9 + 9) =$  | 46 |
|           | b)             | $17 + 10 + 7 =$ | 34               | $17 + (10 + 7) =$ | 34 |
|           | c)             | $20 + 18 + 2 =$ | 40               | $20 + (18 + 2) =$ | 40 |
|           | d)             | $29 + 3 + 3 =$  | 35               | $29 + (3 + 3) =$  | 35 |
|           | e)             | $33 + 12 + 7 =$ | 52               | $33 + (12 + 7) =$ | 52 |
|           | f)             | $21 + 16 + 1 =$ | 38               | $21 + (16 + 1) =$ | 38 |
|           | g)             | $21 + 15 + 6 =$ | 42               | $21 + (15 + 6) =$ | 42 |
| h)        | $36 + 1 + 1 =$ | 38              | $36 + (1 + 1) =$ | 38                |    |

|           |                | a - ...         |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
|           |                | senza parentesi | con parentesi    |                   |    |
| ... b - c | $a - b + c$    |                 | $a - (b + c)$    |                   |    |
|           | a)             | $28 - 9 + 9 =$  | 28               | $28 - (9 + 9) =$  | 10 |
|           | b)             | $17 - 10 + 7 =$ | 14               | $17 - (10 + 7) =$ | 0  |
|           | c)             | $20 - 18 + 2 =$ | 4                | $20 - (18 + 2) =$ | 0  |
|           | d)             | $29 - 3 + 3 =$  | 29               | $29 - (3 + 3) =$  | 23 |
|           | e)             | $33 - 12 + 7 =$ | 28               | $33 - (12 + 7) =$ | 14 |
|           | f)             | $21 - 16 + 1 =$ | 6                | $21 - (16 + 1) =$ | 4  |
|           | g)             | $21 - 15 + 6 =$ | 12               | $21 - (15 + 6) =$ | 0  |
| h)        | $36 - 1 + 1 =$ | 36              | $36 - (1 + 1) =$ | 34                |    |

|           |                |                 |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
| ... b - c | $a + b - c$    |                 | $a + (b - c)$    |                   |    |
|           | a)             | $28 + 9 - 9 =$  | 28               | $28 + (9 - 9) =$  | 28 |
|           | b)             | $17 + 10 - 7 =$ | 20               | $17 + (10 - 7) =$ | 20 |
|           | c)             | $20 + 18 - 2 =$ | 36               | $20 + (18 - 2) =$ | 36 |
|           | d)             | $29 + 3 - 3 =$  | 29               | $29 + (3 - 3) =$  | 29 |
|           | e)             | $33 + 12 - 7 =$ | 38               | $33 + (12 - 7) =$ | 38 |
|           | f)             | $21 + 16 - 1 =$ | 36               | $21 + (16 - 1) =$ | 36 |
|           | g)             | $21 + 15 - 6 =$ | 30               | $21 + (15 - 6) =$ | 30 |
| h)        | $36 + 1 - 1 =$ | 36              | $36 + (1 - 1) =$ | 36                |    |

|           |                |                 |                  |                   |    |
|-----------|----------------|-----------------|------------------|-------------------|----|
| ... b - c | $a - b - c$    |                 | $a - (b - c)$    |                   |    |
|           | a)             | $28 - 9 - 9 =$  | 10               | $28 - (9 - 9) =$  | 28 |
|           | b)             | $17 - 10 - 7 =$ | 0                | $17 - (10 - 7) =$ | 14 |
|           | c)             | $20 - 18 - 2 =$ | 0                | $20 - (18 - 2) =$ | 4  |
|           | d)             | $29 - 3 - 3 =$  | 23               | $29 - (3 - 3) =$  | 29 |
|           | e)             | $33 - 12 - 7 =$ | 14               | $33 - (12 - 7) =$ | 28 |
|           | f)             | $21 - 16 - 1 =$ | 4                | $21 - (16 - 1) =$ | 6  |
|           | g)             | $21 - 15 - 6 =$ | 0                | $21 - (15 - 6) =$ | 12 |
| h)        | $36 - 1 - 1 =$ | 34              | $36 - (1 - 1) =$ | 36                |    |