

Verifica A**Esercizio 1**

- a) $(-7)+(+5) = -2$
 b) $(+5)+(+12) = +17$
 c) $(-9)+(-6) = -15$
 d) $(-12,3)+(+6,8) = -5,5$
 e) $\left(+\frac{1}{3}\right)+\left(-\frac{5}{7}\right) = \frac{(+7)+(-15)}{21} = -\frac{8}{21}$
 f) $\left(-\frac{4}{5}\right)+\left(+\frac{3}{18}\right) = \left(-\frac{4}{5}\right)+\left(+\frac{1}{6}\right) = \frac{(-24)+(+5)}{30} = -\frac{19}{30}$

Esercizio 2

- a) $(-3)-(+4) = -7$
 b) $(-19)-(+19) = -38$
 c) $(+2,3)-(+4,6) = -2,3$
 d) $(-2,3)-(-4,6) = +2,3$
 e) $(-2)-\left(-\frac{2}{7}\right) = \frac{(-14)-(-2)}{7} = -\frac{12}{7}$
 f) $\left(+\frac{5}{18}\right)-\left(-\frac{1}{6}\right) = \frac{(+5)-(-3)}{18} = +\frac{8}{18} = +\frac{4}{9}$

Esercizio 3

- a) $(+3)\cdot(+5) = +15$
 b) $(-5)\cdot(-6) = +30$
 c) $(-4)\cdot(+6) = -24$
 d) $(+15)\cdot(-1) = -15$
 e) $\left(-\frac{7}{3}\right)\cdot(-7) = +\frac{49}{3}$
 f) $\left(-\frac{1}{3}\right)\cdot\left(+\frac{9}{5}\right) = -\frac{3}{5}$

Esercizio 4

- a) $(+24):(-6) = -4$
 b) $(-26):(+13) = -2$
 c) $(+8):(+28) = +\frac{2}{7}$ oppure $+0,285714$
 d) $(-29):(-10) = +2,9$ oppure $-\frac{29}{10}$
 e) $\left(-\frac{21}{16}\right):\left(+\frac{14}{12}\right) = \left(-\frac{21}{16}\right)\cdot\left(+\frac{12}{14}\right) = \left(-\frac{3}{4}\right)\cdot\left(+\frac{3}{2}\right) = -\frac{9}{8}$
 f) $\left(+\frac{5}{3}\right):(-1) = -\frac{5}{3}$

Esercizio 5

- a) $(+4)^2 = +16$
 b) $(-4)^2 = +16$
 c) $(+4)^3 = +64$
 d) $(-4)^3 = -64$
 e) $\left(-\frac{6}{7}\right)^2 = +\frac{36}{49}$
 f) $\left(-\frac{7}{8}\right)^0 = +1$
 g) $(+4)^{-2} = +\frac{1}{16}$
 h) $\left(+\frac{3}{5}\right)^{-2} = +\frac{25}{9}$

Esercizio 6

- a) Qualsiasi numero negativo escluso -68
 b) -68
 c) Qualsiasi numero positivo escluso $+68$
 d) -68

Verifica B**Esercizio 1**

- a) $(-7)+(+12) = +5$
 b) $(-9)+(-5) = -14$
 c) $(-7)+(+6) = -1$
 d) $(-13,2)+(+6,9) = -6,3$
 e) $\left(+\frac{1}{3}\right)+\left(-\frac{4}{7}\right) = \frac{(+7)+(-12)}{21} = = -\frac{5}{21}$
 f) $\left(-\frac{5}{8}\right)+\left(+\frac{3}{15}\right) = \left(-\frac{5}{8}\right)+\left(+\frac{1}{5}\right) = \frac{(-25)+(+8)}{40} = -\frac{17}{40}$

Esercizio 2

- a) $(-17)-(+17) = -34$
 b) $(-3)-(+5) = -8$
 c) $(+2,3)-(-4,6) = +6,9$
 d) $(-2,3)-(+4,6) = -6,9$
 e) $(-1)-\left(-\frac{4}{5}\right) = \frac{(-5)-(-4)}{5} = -\frac{1}{5}$
 f) $\left(+\frac{5}{21}\right)-\left(-\frac{1}{7}\right) = \frac{(+5)-(-3)}{21} = +\frac{8}{21}$

Esercizio 3

- a) $(-5)\cdot(-6) = +30$
 b) $(+3)\cdot(+5) = +15$
 c) $(+13)\cdot(-1) = -13$
 d) $(-4)\cdot(+7) = -28$
 e) $\left(-\frac{8}{3}\right)\cdot(-8) = +\frac{64}{3}$
 f) $\left(-\frac{1}{4}\right)\cdot\left(+\frac{8}{5}\right) = -\frac{2}{5}$

Esercizio 4

- a) $(+24):(-4) = -6$
 b) $(-39):(+13) = -3$
 c) $(+6):(+14) = +\frac{3}{7}$ oppure $+0,428571$
 d) $(-27):(-10) = +2,7$ oppure $+\frac{27}{10}$
 e) $\left(-\frac{16}{21}\right):\left(+\frac{12}{14}\right) = \left(-\frac{16}{21}\right)\cdot\left(+\frac{14}{12}\right) = \left(-\frac{4}{3}\right)\cdot\left(+\frac{2}{3}\right) = -\frac{8}{9}$
 f) $\left(+\frac{8}{5}\right):(-1) = -\frac{8}{5}$

Esercizio 5

- a) $(-5)^2 = +25$
 b) $(+5)^2 = +25$
 c) $(-5)^3 = -125$
 d) $(+5)^3 = +125$
 e) $\left(-\frac{6}{7}\right)^0 = +1$
 f) $\left(-\frac{7}{8}\right)^2 = +\frac{49}{64}$
 g) $(+5)^{-2} = +\frac{1}{25}$
 h) $\left(+\frac{5}{3}\right)^{-2} = +\frac{9}{25}$

Esercizio 6

- a) $+78$
 b) Qualsiasi numero positivo escluso $+78$
 c) $+78$
 d) Qualsiasi numero negativo escluso -78