

esercizio 1

ax=b con risultato intero positivo

a $15x = 75$

b $3x = 15$

c $9x = 90$

d $2x = 8$

e $12x = 60$

f $11x = 55$

g $5x = 10$

h $3x = 15$

esercizio 2

ax=b con risultato intero

a $-15x = -30$

b $9x = 18$

c $18x = 18$

d $9x = 9$

e $-4x = 16$

f $8x = -32$

g $6x = -12$

h $8x = -24$

esercizio 3

ax=b con risultato frazionario

a $7x = -13$

b $19x = -16$

c $20x = 17$

d $17x = 19$

e $19x = 1$

f $16x = -4$

g $-17x = 16$

h $-14x = 2$

esercizio 4

ax=b possibili, impossibili, indeterminate

a $2x = 0$

b $0x = 2$

c $0x = 0$

d $-2x = 4$

e $-3x = 3$

f $x = -2$

g $-5x = 5$

h $-6x = -18$

esercizio 5

ax+b=cx+d a coefficienti interi e risultato positivo

a $11x + 4 = x + 34$

b $13x + 4 = 10x + 10$

c $14x + 2 = 7x + 30$

d $3x + 3 = 2x + 8$

e $13x + 1 = 4x + 55$

f $10x + 4 = 4x + 28$

g $13x + 3 = 9x + 27$

h $16x + 1 = 7x + 19$

esercizio 6

ax+b=cx+d a coefficienti interi e risultato intero (≠0)

a $9x - 5 = 4x + 20$

b $-6x - 10 = -2x + 6$

c $2x + 9 = 9x - 26$

d $-11x + 6 = 4x - 84$

e $-14x - 5 = -x + 34$

f $-3x + 9 = x + 21$

g $14x + 5 = 7x + 26$

h $2x + 8 = 4x - 4$

esercizio 7

ax+b=cx+d a coefficienti interi e risultato qualsiasi

a $-17x - 10 = 5x - 10$

b $16x + 9 = -5x + 10$

c $-8x - 9 = -5x + 8$

d $20x - 6 = -10x - 7$

e $-14x + 3 = -7x + 5$

f $-13x + 2 = 5x + 2$

g $-2x + 10 = -3x$

h $-11x - 5 = -7x - 9$

esercizio 8

ax+b=cx+d a coefficienti interi e risultato positivo

a $11x + 5 = 8x + 9$

b $-4x - 8 = -3x + 5$

c $10x + 9 = x + 5$

d $13x - 1 = 6x + 8$

e $-11x + 5 = 4x + 4$

f $-10x + 6 = -2x + 8$

g $-13x + 3 = 4x + 2$

h $-3x + 2 = 4x - 6$

esercizio 9

ax+b=cx+d a coefficienti interi e risultato positivo

a $12x + 7 = -8x + 6$

b $5x + 7 = -3x - 7$

c $-x - 4 = 1$

d $14x + 10 = -5x - 9$

e $4x - 10 = 7$

f $-18x - 4 = 8x - 8$

g $-9x + 5 = 9x + 9$

h $10x - 10 = -5x - 5$

esercizio 1

ax=b con risultato intero positivo

0	9	0	0	72	9	8	72	8	a	$9x = 72$	<input type="text" value="8"/>	-5	0	0	-10	-5	2	-10	2
	8	0	0	64	8	8	64	8	b	$8x = 64$	<input type="text" value="8"/>	0	0	0	0	0	-1	0	indet.
	20	0	0	80	20	4	80	4	c	$20x = 80$	<input type="text" value="4"/>	3	0	0	0	3	0	0	0
	12	0	0	120	12	10	120	10	d	$12x = 120$	<input type="text" value="10"/>	0	0	0	0	0	-2	0	indet.
	9	0	0	45	9	5	45	5	e	$9x = 45$	<input type="text" value="5"/>	0	0	0	0	0	-2	0	indet.
	13	0	0	91	13	7	91	7	f	$13x = 91$	<input type="text" value="7"/>	2	0	0	0	2	0	0	0
	12	0	0	36	12	3	36	3	g	$12x = 36$	<input type="text" value="3"/>	-5	0	0	-5	-5	1	-5	1
	5	0	0	20	5	4	20	4	h	$5x = 20$	<input type="text" value="4"/>	3	0	0	6	3	2	6	2

esercizio 2

ax=b con risultato intero

0	7	0	0	-7	7	-1	-7	-1	a	$7x = -7$	<input type="text" value="-1"/>	17	2	9	10	8	1	8	1
	-17	0	0	-34	-17	2	-34	2	b	$-17x = -34$	<input type="text" value="2"/>	12	2	2	22	10	2	20	2
	-9	0	0	-54	-9	6	-54	6	c	$-9x = -54$	<input type="text" value="6"/>	10	1	1	37	9	4	36	4
	6	0	0	36	6	6	36	6	d	$6x = 36$	<input type="text" value="6"/>	16	4	7	40	9	4	36	4
	14	0	0	-70	14	-5	-70	-5	e	$14x = -70$	<input type="text" value="-5"/>	18	5	10	37	8	4	32	4
	4	0	0	-8	4	-2	-8	-2	f	$4x = -8$	<input type="text" value="-2"/>	9	4	3	28	6	4	24	4
	10	0	0	40	10	4	40	4	g	$10x = 40$	<input type="text" value="4"/>	18	3	9	12	9	1	9	1
	3	0	0	6	3	2	6	2	h	$3x = 6$	<input type="text" value="2"/>	9	1	7	13	2	6	12	6

esercizio 3

ax=b con risultato frazionario

0	-14	0	0	-11	11/14	a	$-14x = -11$	<input type="text" value="11/14"/>	-17	-6	-3	64	-14	-5	70	-5
	-1	0	0	19	-19	b	$-x = 19$	<input type="text" value="-19"/>	-13	1	4	35	-17	-2	34	-2
	18	0	0	9	1/2	c	$18x = 9$	<input type="text" value="1/2"/>	26	-4	8	-76	18	-4	-72	-4
	-13	0	0	-10	10/13	d	$-13x = -10$	<input type="text" value="10/13"/>	24	-1	10	41	14	3	42	3
	-14	0	0	-14	1	e	$-14x = -14$	<input type="text" value="1"/>	-13	2	-5	-6	-8	1	-8	1
	20	0	0	-19	-19/20	f	$20x = -19$	<input type="text" value="-19/20"/>	1	-8	-6	-43	7	-5	-35	-5
	-11	0	0	-19	19/11	g	$-11x = -19$	<input type="text" value="19/11"/>	-1	-3	2	6	-3	-3	9	-3
	2	0	0	-14	-7	h	$2x = -14$	<input type="text" value="-7"/>	-15	1	-5	-19	-10	2	-20	2

esercizio 4

ax=b possibili, impossibili, indeterminate

a	$-5x = -10$	<input type="text" value="2"/>	9 3 9 5	imposs.	a
b	$0x = 0$	<input type="text" value="indet."/>	-8 4 -10 -9	-13/2	b
c	$3x = 0$	<input type="text" value="0"/>	-8 2 7 -3	1/3	c
d	$0x = 0$	<input type="text" value="indet."/>	-15 8 9 1	7/24	d
e	$0x = 0$	<input type="text" value="indet."/>	-13 -8 4 6	-14/17	e
f	$2x = 0$	<input type="text" value="0"/>	-14 2 -4 2	0	f
g	$-5x = -5$	<input type="text" value="1"/>	8 10 4 1	-9/4	g
h	$3x = 6$	<input type="text" value="2"/>	1 8 -10 -10	-18/11	h

esercizio 5

ax+b=cx+d a coefficienti interi e risultato positivo

a	$17x + 2 = 9x + 10$	<input type="text" value="1"/>	-4 8 0 -3	11/4	a
b	$12x + 2 = 2x + 22$	<input type="text" value="2"/>	-20 10 -5 -9	19/15	b
c	$10x + 1 = x + 37$	<input type="text" value="4"/>	-7 1 -5 -6	7/2	c
d	$16x + 4 = 7x + 40$	<input type="text" value="4"/>	-15 -3 9 9	-1/2	d
e	$18x + 5 = 10x + 37$	<input type="text" value="4"/>	-6 4 8 10	-3/7	e
f	$9x + 4 = 3x + 28$	<input type="text" value="4"/>	-15 1 5 2	-1/20	f
g	$18x + 3 = 9x + 12$	<input type="text" value="1"/>	-1 3 8 1	2/9	g
h	$9x + 1 = 7x + 13$	<input type="text" value="6"/>	-2 0 6 -10	5/4	h

esercizio 6

ax+b=cx+d a coefficienti interi e risultato intero (≠0)

a	$-17x - 6 = -3x + 64$	<input type="text" value="-5"/>	-7 10 -4 -1	11/3	a
b	$-13x + 1 = 4x + 35$	<input type="text" value="-2"/>	-14 5 5 4	-14/19	b
c	$26x - 4 = 8x - 76$	<input type="text" value="-4"/>	3 8 -4 9	1/7	c
d	$24x - 1 = 10x + 41$	<input type="text" value="3"/>	-2 0 3 0	0	d
e	$-13x + 2 = -5x - 6$	<input type="text" value="1"/>	14 -4 5 4	8/9	e
f	$x - 8 = -6x - 43$	<input type="text" value="-5"/>	10 -7 8 1	4	f
g	$-x - 3 = 2x + 6$	<input type="text" value="-3"/>	-15 10 6 2	8/21	g
h	$-15x + 1 = -5x - 19$	<input type="text" value="2"/>	13 -4 9 5	9/4	h

Esercizio 7

 $b=cx+d$ a coefficienti interi e risultato qualsiasi

$9x + 3 = 9x + 5$

$-8x + 4 = -10x - 9$

$-8x + 2 = 7x - 3$

$-15x + 8 = 9x + 1$

$-13x - 8 = 4x + 6$

$-14x + 2 = -4x + 2$

$8x + 10 = 4x + 1$

$x + 8 = -10x - 10$

Esercizio 8

 $b=cx+d$ a coefficienti interi e risultato positivo

$-4x + 8 = -3$

$-20x + 10 = -5x - 9$

$-7x + 1 = -5x - 6$

$-15x - 3 = 9x + 9$

$-6x + 4 = 8x + 10$

$-15x + 1 = 5x + 2$

$-x + 3 = 8x + 1$

$-2x = 6x - 10$

Esercizio 9

 $b=cx+d$ a coefficienti interi e risultato positivo

$-7x + 10 = -4x - 1$

$-14x - 10 = 5x + 4$

$3x + 8 = -4x + 9$

$-2x = 3x$

$14x - 4 = 5x + 4$

$10x - 7 = 8x + 1$

$-15x + 10 = 6x + 2$

$13x - 4 = 9x + 5$