

Sistemi misti

Periodo 2 - UdA 1

Risolvere

$$[1] \quad \begin{cases} -x - 2y + 1 = 0 \\ x = -4y - 3 \end{cases}$$

$$[3] \quad \begin{cases} -2x + y + 12 = 0 \\ y = 2x - 12 \end{cases}$$

$$[5] \quad \begin{cases} -4x + 3y - 1 = 0 \\ x = \frac{1}{2}y + \frac{1}{2} \end{cases}$$

$$[7] \quad \begin{cases} x + y - 1 = 0 \\ y = 4x - 1 \end{cases}$$

$$[9] \quad \begin{cases} -8x - 3y - 9 = 0 \\ y = 4x + 2 \end{cases}$$

$$[11] \quad \begin{cases} 2x - 5y + 1 = 0 \\ x = 5y - 1 \end{cases}$$

$$[2] \quad \begin{cases} -7x + 2y - 1 = 0 \\ y = 2x - 1 \end{cases}$$

$$[4] \quad \begin{cases} -2x + y - 1 = 0 \\ y = \frac{5}{2}x + 2 \end{cases}$$

$$[6] \quad \begin{cases} x - 4y + 3 = 0 \\ y = \frac{1}{4}x + \frac{1}{2} \end{cases}$$

$$[8] \quad \begin{cases} -2x + 3y + 4 = 0 \\ y = 6x \end{cases}$$

$$[10] \quad \begin{cases} 4x - 6y - 1 = 0 \\ x = -\frac{3}{4}y - \frac{5}{4} \end{cases}$$

$$[12] \quad \begin{cases} -3x + 6y + 1 = 0 \\ x = \frac{2}{3}y + \frac{2}{3} \end{cases}$$

SOLUZIONI

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[1]

$(5; -2)$

[2]

$(-1; -3)$

[3]

Indeterm.

[4]

$(-2; -3)$

[5]

$(2; 3)$

[6]

Imposs.

[7]

$\left(\frac{2}{5}; \frac{3}{5}\right)$

[8]

$\left(-\frac{1}{4}; -\frac{3}{2}\right)$

[9]

$\left(-\frac{3}{4}; -1\right)$

[10]

$\left(-\frac{3}{4}; -\frac{2}{3}\right)$

[11]

$\left(0; \frac{1}{5}\right)$

[12]

$\left(\frac{5}{6}; \frac{1}{4}\right)$