

SISTEMAS DE ECUACIONES 3° ESO

Resuelve los siguientes sistemas de dos ecuaciones con dos incógnitas por el método que consideres más adecuado:

1.
$$\begin{cases} 2(x-y+1)+y = 2(y+1)-1 \\ 3(x-y+2)-y = 2(3-y)-4 \end{cases}$$

x =

y =

2.
$$\begin{cases} 2(x-y)-2(y-5) = 3-y \\ 2(x+y)-3(x-2) = 2(1-2x) \end{cases}$$

x =

y =

3.
$$\begin{cases} 2(x-y-1)-2(y-1) = 1-(x+y) \\ 2(x-2y)-2(y-1) = y+1 \end{cases}$$

x =

y =

4.
$$\begin{cases} 2(x+y)+3(y+1) = y+4 \\ 5(x+y)-3(x-1) = 5-x \end{cases}$$

x =

y =

5.
$$\begin{cases} \frac{x}{2} + \frac{y+2}{3} = \frac{3}{4} \\ \frac{x-1}{4} - \frac{y}{2} = \frac{1}{8} \end{cases}$$

x =

y =

6.
$$\begin{cases} \frac{x}{2} + \frac{y+1}{3} = \frac{1}{3} \\ \frac{x+1}{2} + \frac{y}{4} = \frac{7}{12} \end{cases}$$

x =

y =

7.
$$\begin{cases} \frac{x}{2} - \frac{4x+3y}{12} = 1 \\ x - \frac{2x+y}{4} = 2 \end{cases}$$

x =

y =

8.
$$\begin{cases} \frac{x}{2} - \frac{3x-2y}{12} = 1 \\ \frac{2x}{3} - \frac{3x-y}{9} = 1 \end{cases}$$

x =

y =

9.
$$\begin{cases} \frac{3x}{2} - \frac{2y+3x}{3} = \frac{1}{6} \\ \frac{x+2y}{2} - \frac{5y}{4} = \frac{3}{8} \end{cases}$$

x =

y =

10.
$$\begin{cases} \frac{x}{2} - \frac{y-4}{4} = 2 \\ x - \frac{2-y}{4} = 0 \end{cases}$$

x =

y =