

**SISTEMAS DE ECUACIONES LINEALES****SISTEMAS DE DOS ECUACIONES**

1.
$$\begin{cases} 7x + 6y = 1 \\ 7x - 6y = 13 \end{cases}$$

2.
$$\begin{cases} 5x + 6y = 4 \\ 10x + 12y = 1 \end{cases}$$

3.
$$\begin{cases} 2x + 6y = 15 \\ \frac{x}{3} + y = \frac{5}{2} \end{cases}$$

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

5.
$$\begin{cases} x + 2y = 12 \\ \frac{x}{2} + \frac{y}{4} = 3 \end{cases}$$

6.
$$\begin{cases} 3(x + y) - 2(x - y) = -26 \\ 5(x + y) - 3y = 8 \end{cases}$$

7.
$$\begin{cases} 7(x - 2) + 16 = -2(y - 1) \\ 4x + 3(y + 2) = 13 \end{cases}$$

8.
$$\begin{cases} (6x - 2) - 4 = y \\ 8x - 12(-y - 7) = 12 \end{cases}$$

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

10.
$$\begin{cases} \frac{x + y}{3} - \frac{y - x}{5} = 2 \\ 2x + y = 11 \end{cases}$$

11.
$$\begin{cases} \frac{2x + y}{3} - \frac{x - 2y}{5} = \frac{5}{3} \\ 3x - y = 5 \end{cases}$$

12.
$$\begin{cases} \frac{x + 2}{5} - \frac{4y + 25}{12} = 0 \\ \frac{2x}{5} - \frac{y + 2}{3} = \frac{-9}{20} \end{cases}$$

13.
$$\begin{cases} \frac{7x + 1}{4} - 3y + 6 = 12 \\ \frac{7x + 1}{3} + 2y = 14 \end{cases}$$

14.
$$\begin{cases} \frac{x - 1}{5} - \frac{2y - 3}{4} = 0 \\ \frac{2(2x - 3)}{5} - \frac{2(y - 1)}{3} = 1 \end{cases}$$

15.
$$\begin{cases} \frac{x + 4y}{5} - \frac{8y - 13x}{10} = \frac{3x}{2} \\ \frac{3x + 5}{2} = \frac{10y + 7}{3} \end{cases}$$

SISTEMAS DE TRES ECUACIONES

16.
$$\begin{cases} x + 2y - z = 0 \\ 2x - y + z = 0 \\ x - y - z = -9 \end{cases}$$

17.
$$\begin{cases} \frac{x}{3} - \frac{y}{2} + \frac{z}{5} = 0 \\ \frac{x}{2} + y - \frac{z}{5} = 6 \\ x + \frac{y}{2} + z = 2 \end{cases}$$

18.
$$\begin{cases} 3x + y - z = 1 \\ x + 2y + z = -5 \\ -2x - y + 5z = 5 \end{cases}$$

19.
$$\begin{cases} x + y + z = -2 \\ 2x - y - z = 4 \\ 4x + 3y + 2z = 3 \end{cases}$$