

Enunciados

Clasifica los siguientes sistemas:

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

$$\textcircled{2} \begin{cases} 3x + 7y = 12 \\ 6x + 16y = 24 \end{cases}$$

$$\textcircled{3} \begin{cases} 5x + 6y = 0 \\ 8x - y = 0 \end{cases}$$

$$\textcircled{4} \begin{cases} x + 3y = 9 \\ 2x + 6y = 10 \end{cases}$$

$$\textcircled{5} \begin{cases} 15x + 30y = 5 \\ 3x + 6y = 3 \end{cases}$$

$$\textcircled{6} \begin{cases} \frac{2}{3}x - \frac{1}{3}y = 1 \\ 2x - y = 3 \end{cases}$$

$$\textcircled{7} \begin{cases} \frac{2}{3}x + \frac{1}{6}y = 2 \\ 8x + y = 24 \end{cases}$$

$$\textcircled{8} \begin{cases} 5x - 7y = 4 \\ -5x + 7y = 4 \end{cases}$$

$$\textcircled{9} \begin{cases} 7x - 11y = 0 \\ -7x + 11y = 0 \end{cases}$$

$$\textcircled{10} \begin{cases} 14x - 10y = 22 \\ 21x - 15y = 33 \end{cases}$$

$$\textcircled{11} \begin{cases} 2x - 4y = 6 \\ 3x + 6y = 9 \end{cases}$$

$$\textcircled{12} \begin{cases} \frac{5}{7}x - \frac{1}{14}y = \frac{3}{7} \\ -20x + 2y = 12 \end{cases}$$

$$\textcircled{13} \begin{cases} 2x + 12y = 10 \\ 3x + 12y = 15 \end{cases}$$

$$\textcircled{14} \begin{cases} 2x - 12y = 10 \\ 3x - 18y = 15 \end{cases}$$

$$\textcircled{15} \begin{cases} 3x - 4y = 9 \\ -3x + 4y = -18 \end{cases}$$

$$\textcircled{16} \begin{cases} -9x - 21y = 18 \\ 6x + 14y = -12 \end{cases}$$

Soluciones

- ① Indeterminado
- ② Compatible
- ③ Compatible
- ④ Incompatible
- ⑤ Incompatible
- ⑥ Indeterminado
- ⑦ Compatible
- ⑧ Incompatible
- ⑨ Indeterminado
- ⑩ Indeterminado
- ⑪ Compatible
- ⑫ Incompatible
- ⑬ Compatible
- ⑭ Indeterminado
- ⑮ Incompatible
- ⑯ Indeterminado