

SISTEMAS DE DOS INCÓGNITAS

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

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

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

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

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

$$6. \begin{cases} x - y = 3 \\ -x + 3y = -1 \end{cases}$$

$$7. \begin{cases} 4x - 3y = 5 \\ -2x + 5y = 1 \end{cases}$$

$$8. \begin{cases} x + y = 1 \\ 3x + 2y = 0 \end{cases}$$

$$9. \begin{cases} 5x - y = 3 \\ 2x - 2y = -2 \end{cases}$$

$$10. \begin{cases} 3x + 2y = 5 \\ 7x + y = 8 \end{cases}$$

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

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

$$13. \begin{cases} 3x + y = 5 \\ 2(x+1) = 2y \end{cases}$$

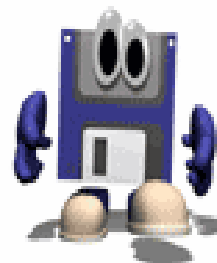
$$14. \begin{cases} 2x + y = -5 \\ 3(x-2y) = 15 \end{cases}$$

$$15. \begin{cases} 3x = 3(y-1) \\ 2 = 2(2x-y) \end{cases}$$

$$16. \begin{cases} 2(3x-2) = -5y \\ 3(2x+3y) = 12 \end{cases}$$

$$17. \begin{cases} x = 2(4-y) \\ y-3 = x-5 \end{cases}$$

$$18. \begin{cases} x + 3y = x - 6 \\ x - 1 = 2y + 2x \end{cases}$$



$$\begin{array}{l}
 19. \left\{ \begin{array}{l} 3x + 2y = 0 \\ \frac{x}{2} + \frac{2y}{3} = -1 \end{array} \right. \\
 20. \left\{ \begin{array}{l} 3x = 6y \\ \frac{x}{2} = \frac{3y}{2} - 1 \end{array} \right. \\
 21. \left\{ \begin{array}{l} 2x - y = 1 \\ \frac{2x}{3} - \frac{y}{5} = 1 \end{array} \right. \\
 22. \left\{ \begin{array}{l} \frac{x-y}{2} + \frac{x+y}{3} = 1 \\ 2x - \frac{3y}{4} = 1 \end{array} \right. \\
 23. \left\{ \begin{array}{l} \frac{3x}{6} + \frac{y}{4} = 1 \\ \frac{2x}{10} - \frac{y}{6} = \frac{14}{15} \end{array} \right. \\
 24. \left\{ \begin{array}{l} x = 3y \\ \frac{2x}{3} = \frac{7y}{5} + 3 \end{array} \right. \\
 25. \left\{ \begin{array}{l} 3x - \frac{2y}{7} = 4 \\ y - 6 = x - 1 \end{array} \right. \\
 26. \left\{ \begin{array}{l} 3(x-y) = 2x+1 \\ 4x-15y = -2x \end{array} \right. \\
 27. \left\{ \begin{array}{l} x + 5y = 2x \\ \frac{3x}{2} - 3y = \frac{9}{2} \end{array} \right.
 \end{array}$$

Soluciones:

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|--------------|----------------|---------------|---------------|
| 1. x=1, y=1 | 2. x=1, y=0 | 3. x=2, y=-1 | 4. x=3, y=-2 |
| 5. x=0, y=1 | 6. x=4, y=1 | 7. x=2, y=1 | 8. x=-2, y=3 |
| 9. x=1, y=2 | 10. x=1, y=1 | 11. x=2, y=-1 | 12. x=-1, y=5 |
| 13. x=1, y=2 | 14. x=-1, y=-3 | 15. x=2, y=3 | 16. x=-1, y=2 |
| 17. x=4, y=2 | 18. x=3, y=-2 | 19. x=2, y=-3 | 20. x=4, y=2 |
| 21. x=3, y=5 | 22. x=2, y=4 | 23. x=3, y=-2 | 24. x=15, y=5 |
| 25. x=2, y=7 | 26. x=-5, y=-2 | 27. x=5, y=1 | |

