

SISTEMAS DE DOS INCÓGNITAS

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

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

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

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

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

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

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

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

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

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

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

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

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

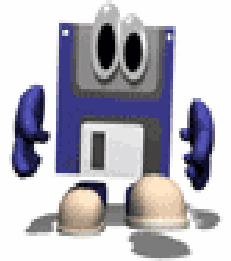
$$14. \begin{cases} 2x + y = -5 \\ 3(x-2y) = 15 \end{cases}$$

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

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

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

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



$$19. \begin{cases} 3x + 2y = 0 \\ \frac{x}{2} + \frac{2y}{3} = -1 \end{cases}$$

$$20. \begin{cases} 3x = 6y \\ \frac{x}{2} = \frac{3y}{2} - 1 \end{cases}$$

$$21. \begin{cases} 2x - y = 1 \\ \frac{2x}{3} - \frac{y}{5} = 1 \end{cases}$$

$$22. \begin{cases} \frac{x-y}{2} + \frac{x+y}{3} = 1 \\ 2x - \frac{3y}{4} = 1 \end{cases}$$

$$23. \begin{cases} \frac{3x}{6} + \frac{y}{4} = 1 \\ \frac{2x}{10} - \frac{y}{6} = \frac{14}{15} \end{cases}$$

$$24. \begin{cases} x = 3y \\ \frac{2x}{3} = \frac{7y}{5} + 3 \end{cases}$$

$$25. \begin{cases} 3x - \frac{2y}{7} = 4 \\ y - 6 = x - 1 \end{cases}$$

$$26. \begin{cases} 3(x - y) = 2x + 1 \\ 4x - 15y = -2x \end{cases}$$

$$27. \begin{cases} x + 5y = 2x \\ \frac{3x}{2} - 3y = \frac{9}{2} \end{cases}$$

Soluciones:

1. $x=1, y=1$

5. $x=0, y=1$

9. $x=1, y=2$

13. $x=1, y=2$

17. $x=4, y=2$

21. $x=3, y=5$

25. $x=2, y=7$

2. $x=1, y=0$

6. $x=4, y=1$

10. $x=1, y=1$

14. $x=-1, y=-3$

18. $x=3, y=-2$

22. $x=2, y=4$

26. $x=-5, y=-2$

3. $x=2, y=-1$

7. $x=2, y=1$

11. $x=2, y=-1$

15. $x=2, y=3$

19. $x=2, y=-3$

23. $x=3, y=-2$

27. $x=5, y=1$

4. $x=3, y=-2$

8. $x=-2, y=3$

12. $x=-1, y=5$

16. $x=-1, y=2$

20. $x=4, y=2$

24. $x=15, y=5$

