

Determine whether the point is a solution of the system.

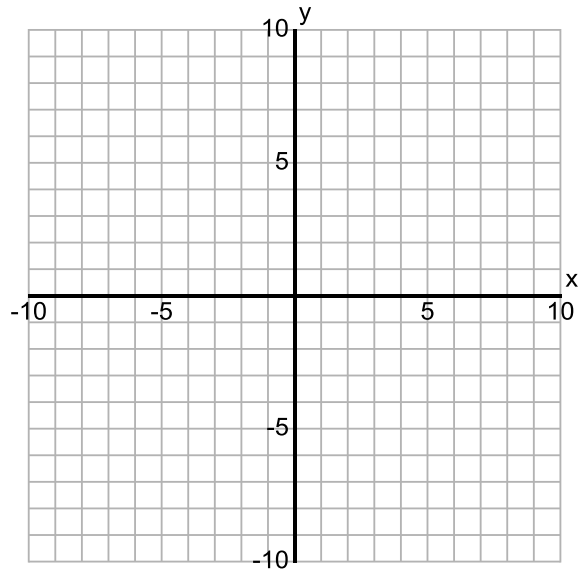
1. $(3, 1); \begin{cases} 2x - 3y = 3 \\ x + 4y = 7 \end{cases}$

2. $(2, -3); \begin{cases} x + 3y = -7 \\ 6x + y = -9 \end{cases}$

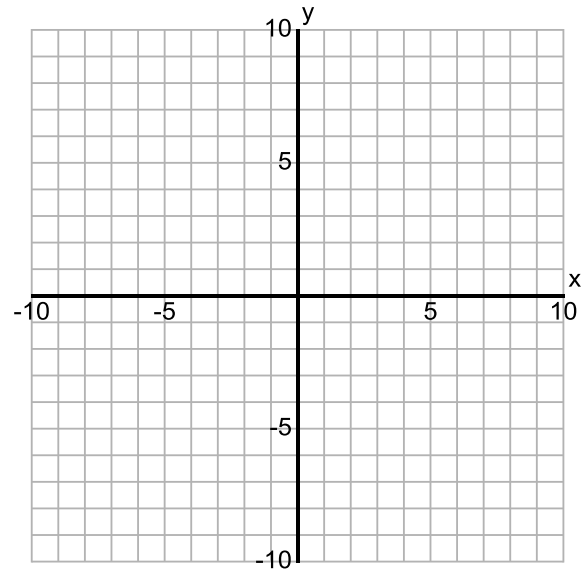
Solve the system of linear equations by GRAPHING.

3. $\begin{cases} 2x - 7y = -14 \\ x - y = -7 \end{cases}$

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



Solution: _____



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Solve the system of linear equations using the SUBSTITUTION METHOD.

5. $\begin{cases} x = 4y - 1 \\ 3x + 5y = 31 \end{cases}$

6. $\begin{cases} x = y + 3 \\ x + y = -5 \end{cases}$

7. $\begin{cases} y = 3x \\ 4x + y = 7 \end{cases}$

8. $\begin{cases} y = -4x - 19 \\ 7x - y = 8 \end{cases}$

Solve the system of linear equations using the ELIMINATION METHOD.

9. $\begin{cases} 4x + 3y = 0 \\ 5x - 3y = 27 \end{cases}$

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

11. $\begin{cases} 4x + 3y = 19 \\ 7x - 6y = -23 \end{cases}$

12. $\begin{cases} 3x + 2y = -1 \\ 4x - 5y = -32 \end{cases}$