

Convert each equation to slope – intercept form ($y = mx + b$).

1. $4x - 6y = 12$

2. $x + 5y = 10$

3. $-3x - 7y = 19$

Determine the best method for solving each system of linear equations. (Graphing, Sub, Elimination)

4. $-2x + 3y = 8$

5. $x = 3y - 6$

6. $y = 5x + 8$

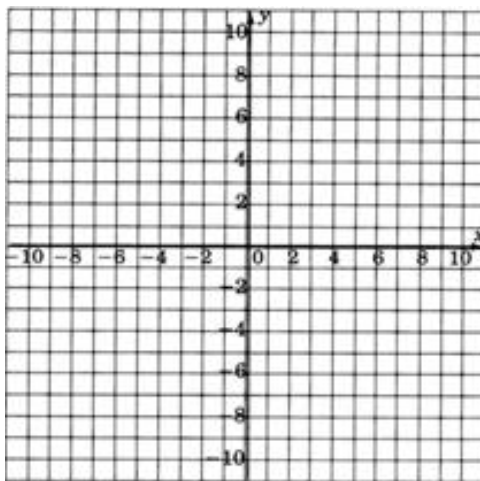
$4x - 3y = 12$

$3x + 5y = 9$

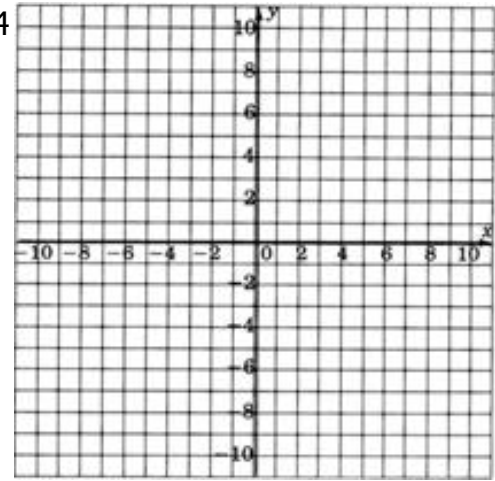
$y = -2x + 6$

Solve each system of linear equations by graphing.

7. $y = 2x - 1$
 $y = -x + 2$



8. $y = 3x + 4$
 $y = 3x - 1$



Solve each system by either substitution or elimination.

9.
$$\begin{aligned} 5x + y &= -20 \\ -3x + y &= 4 \end{aligned}$$

10.
$$\begin{aligned} 7x - 3y &= 13 \\ y &= 5 \end{aligned}$$

11.
$$\begin{aligned} -4x + 3y &= 7 \\ 10x - 3y &= -13 \end{aligned}$$

12.
$$\begin{aligned} -4x - 5y &= 8 \\ 3x - 4y &= -6 \end{aligned}$$

13.
$$\begin{aligned} y &= -7x - 6 \\ -14x - 2y &= -7 \end{aligned}$$

14.
$$\begin{aligned} 4x + y &= 8 \\ 2x + 4y &= -10 \end{aligned}$$