

6-5: Review of Systems of Equations

Solve each system by using any method.

1) $-6x + 6y = -6$
 $6x - 5y = 4$

2) $-x - 2y = 5$
 $5x + 2y = 7$

3) $-3x - 4y = -16$
 $-3x - 6y = -12$

4) $4x - 7y = -6$
 $4x - 7y = -6$

5) $7x + y = 27$
 $-4x + 7y = 30$

6) $-3x - 3y = -12$
 $x - 7y = 12$

$$\begin{aligned} 7) \quad &4x - 2y = -4 \\ &5x - 3y = -9 \end{aligned}$$

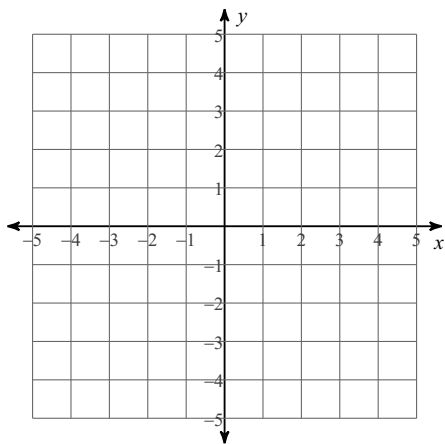
$$\begin{aligned} 8) \quad &3x + 4y = 1 \\ &-7x - 3y = -15 \end{aligned}$$

$$\begin{aligned} 9) \quad &y = -6x + 5 \\ &6x + 4y = -16 \end{aligned}$$

$$\begin{aligned} 10) \quad &y = 4x + 18 \\ &y = -5x - 18 \end{aligned}$$

Solve each system by graphing.

$$\begin{aligned} 11) \quad &y = -x - 2 \\ &y = -4x + 4 \end{aligned}$$



$$\begin{aligned} 12) \quad &3x + 4y = -16 \\ &3x + 4y = 16 \end{aligned}$$

