

5-3b Elimination Continued / REVIEW

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -3x + 6y = -27 \\ & 5x - 6y = 9 \end{aligned}$$

$$\begin{aligned} 2) \quad & 3x - 2y = -20 \\ & 3x - 3y = -27 \end{aligned}$$

$$\begin{aligned} 3) \quad & 9x - 7y = -19 \\ & 3x + 4y = 19 \end{aligned}$$

$$\begin{aligned} 4) \quad & 6x - 2y = 14 \\ & -12x - 6y = -18 \end{aligned}$$

$$\begin{aligned} 5) \quad & 7x - y = -1 \\ & -14x - 2y = -30 \end{aligned}$$

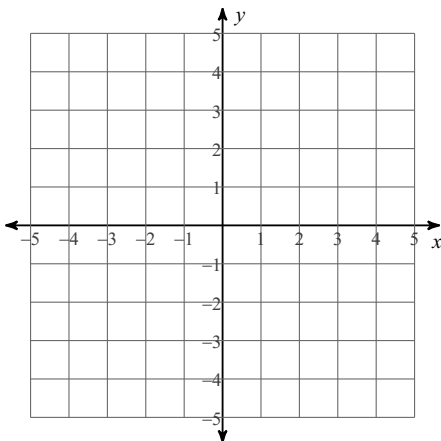
$$\begin{aligned} 6) \quad & -10x - 15y = -30 \\ & -9x - 5y = 24 \end{aligned}$$

$$\begin{aligned} 7) \quad & 10x - 2y = 8 \\ & 4x - 3y = 1 \end{aligned}$$

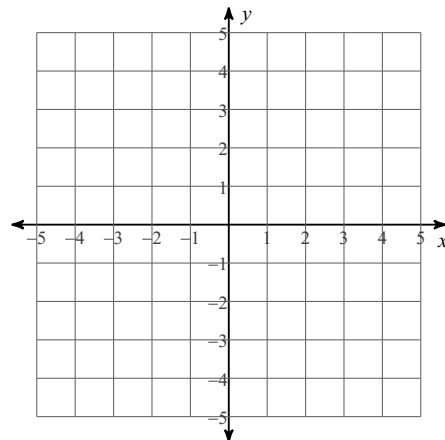
$$\begin{aligned} 8) \quad & 3x + 7y = -23 \\ & 8x - 10y = -4 \end{aligned}$$

Solve each system by graphing.

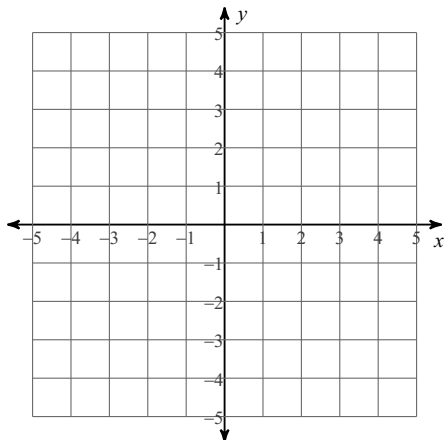
$$\begin{aligned} 9) \quad & y = \frac{5}{3}x + 4 \\ & y = -x - 4 \end{aligned}$$



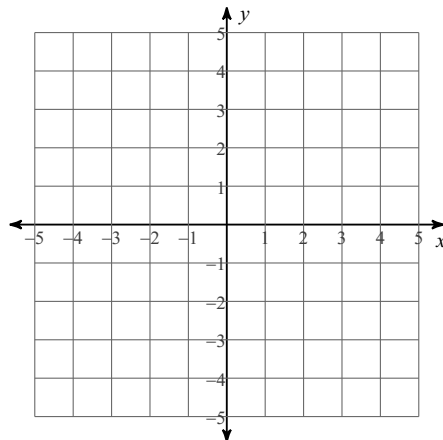
$$\begin{aligned} 10) \quad & y = -\frac{1}{2}x - 3 \\ & y = \frac{1}{2}x - 1 \end{aligned}$$



$$11) \begin{cases} 2x - y = 1 \\ x + 2y = 8 \end{cases}$$



$$12) \begin{cases} 6x + y = 3 \\ x - y = 4 \end{cases}$$



Solve each system by substitution.

$$13) \begin{cases} y = -3x - 5 \\ y = 3x + 7 \end{cases}$$

$$14) \begin{cases} y = 3x - 8 \\ 8x - 6y = -2 \end{cases}$$

$$15) \begin{cases} -5x - 5y = 10 \\ x + 2y = -9 \end{cases}$$

$$16) \begin{cases} 4x - 2y = -16 \\ 2x + y = -20 \end{cases}$$

$$17) \begin{cases} y = -3 \\ 8x + 7y = -21 \end{cases}$$

$$18) \begin{cases} -6x - 6y = -12 \\ -8x - 5y = -19 \end{cases}$$