

## Cumulative Review

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each system by elimination.**

$$\begin{aligned} 1) \quad & -2x - y = -2 \\ & 6x + y = 10 \end{aligned}$$

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

$$\begin{aligned} 3) \quad & 4x - 12y = 20 \\ & -9x - 6y = -12 \end{aligned}$$

$$\begin{aligned} 4) \quad & -x + 9y = -12 \\ & 2x - 18y = 24 \end{aligned}$$

**Solve each system by substitution.**

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

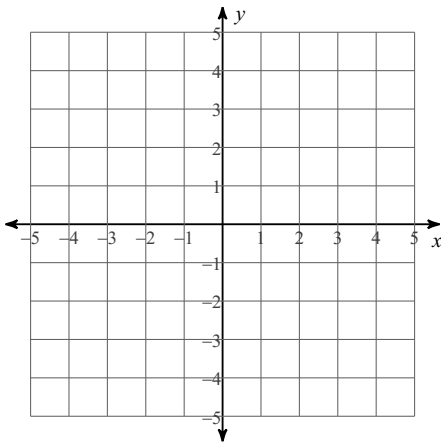
$$\begin{aligned} 6) \quad & y = -2x + 7 \\ & y = -3x + 11 \end{aligned}$$

$$\begin{aligned} 7) \quad & -2x + 3y = -14 \\ & y = 0 \end{aligned}$$

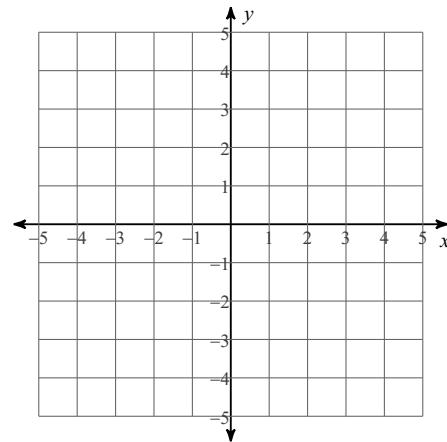
$$\begin{aligned} 8) \quad & x + 4y = 23 \\ & 5x + 3y = -4 \end{aligned}$$

**Solve each system by graphing.**

$$\begin{aligned} 9) \quad & y = 3x + 1 \\ & y = -2x - 4 \end{aligned}$$

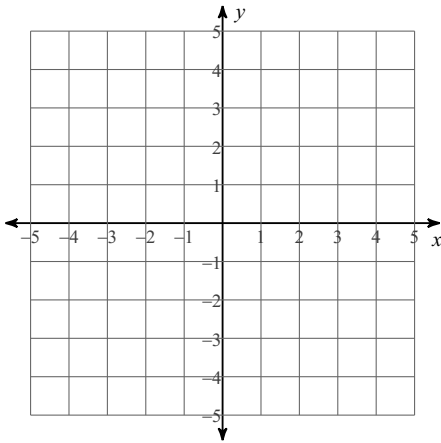


$$\begin{aligned} 10) \quad & y = x + 2 \\ & y = -4x - 3 \end{aligned}$$



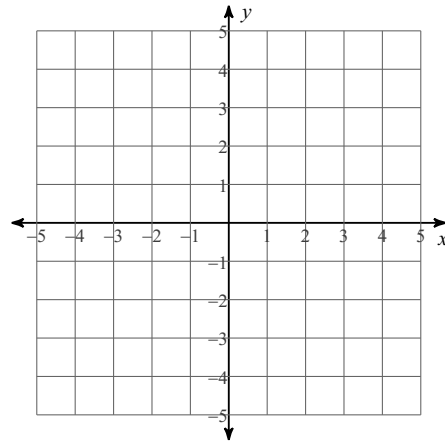
$$11) y = \frac{3}{4}x - 2$$

$$y = -\frac{1}{4}x + 2$$



$$12) y = -x - 4$$

$$y = \frac{5}{3}x + 4$$



**Solve each equation.**

$$13) |-2a| = 12$$

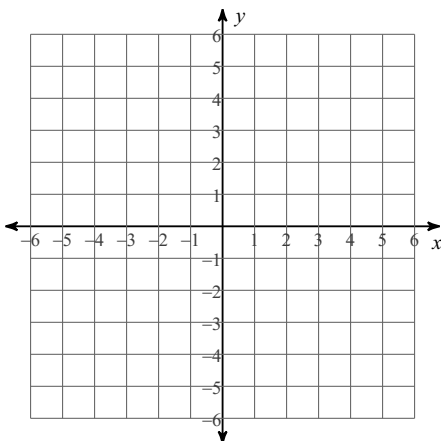
$$14) |b + 3| = 3$$

$$15) \left| \frac{n}{4} \right| = 3$$

$$16) |-1 + b| = 3$$

**Graph each equation.**

$$17) y = |x + 4|$$



$$18) y = |x| - 2$$

