

Extra Practice**7.1**

Name _____

In 1–6, decide whether the ordered pairs are solutions of the system.

1. $(1, 1), (0, 3)$

$$\begin{cases} 2x + y = 3 \\ x - 2y = -1 \end{cases}$$

2. $(-2, 4), (-1, 0)$

$$\begin{cases} 4x + y = -4 \\ -x - y = 1 \end{cases}$$

3. $(5, 4), (4, 1)$

$$\begin{cases} x - y = 3 \\ 3x - y = 11 \end{cases}$$

4. $(-6, -4), (3, -1)$

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

5. $(-3, -4), (-1, 4)$

$$\begin{cases} -4x + y = 8 \\ 5x - 3y = -3 \end{cases}$$

6. $(-6, 2), (3, -4)$

$$\begin{cases} -2x - 3y = 6 \\ 3x + 4y = -10 \end{cases}$$

In 7–12, graph and check to solve the system.

7.
$$\begin{cases} y = -2x + 2 \\ y = x - 1 \end{cases}$$

8.
$$\begin{cases} y = 4x - 2 \\ y = 2x + 4 \end{cases}$$

9.
$$\begin{cases} y = \frac{1}{2}x + 3 \\ y = x + 4 \end{cases}$$