

## Substitution WS

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

**Solve each system by substitution.**

1)  $y = 2x - 10$   
 $4x + 5y = 6$

2)  $2x + 4y = -2$   
 $y = -7x - 20$

3)  $2x + y = 3$   
 $-x + 5y = -18$

4)  $6x + 5y = -12$   
 $-4x + y = -18$

$$\begin{aligned} 5) \quad & -4x - 5y = 4 \\ & -x + y = 1 \end{aligned}$$

$$\begin{aligned} 6) \quad & -2x - y = -1 \\ & -8x + y = 21 \end{aligned}$$

$$\begin{aligned} 7) \quad & -3x - 7y = 20 \\ & -6x + y = 10 \end{aligned}$$

$$\begin{aligned} 8) \quad & 5x + 2y = 24 \\ & x - 2y = 24 \end{aligned}$$

$$\begin{aligned} 9) \quad & -3x + 8y = 5 \\ & x - 7y = 7 \end{aligned}$$

$$\begin{aligned} 10) \quad & -3x + 4y = -7 \\ & x + 5y = 15 \end{aligned}$$