

## Substitution Day 1 HW: Solved for x and y

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

**Solve each system by substitution.**

1) 
$$\begin{aligned} -4x - 2y &= -6 \\ y &= -8x + 3 \end{aligned}$$

2) 
$$\begin{aligned} y &= 5x + 3 \\ -15x + 3y &= 9 \end{aligned}$$

3) 
$$\begin{aligned} -2x - y &= 0 \\ y &= -5x + 9 \end{aligned}$$

4) 
$$\begin{aligned} 6x - y &= -16 \\ y &= -6x - 8 \end{aligned}$$

5) 
$$\begin{aligned} y &= -5x + 10 \\ y &= -2x + 1 \end{aligned}$$

6) 
$$\begin{aligned} y &= 4x + 17 \\ y &= 3x + 12 \end{aligned}$$

7) 
$$\begin{aligned} y &= -2x + 16 \\ y &= 5x - 12 \end{aligned}$$

8) 
$$\begin{aligned} y &= -2x + 19 \\ 4x - 7y &= 11 \end{aligned}$$

9) 
$$\begin{aligned} -x + 6y &= -9 \\ y &= -5x + 14 \end{aligned}$$

10) 
$$\begin{aligned} 10x + 2y &= -2 \\ y &= -5x + 8 \end{aligned}$$