

Solving Systems by Substitution HW 2

Date _____ Period _____

Solve each system by substitution.

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

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

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

4)
$$\begin{aligned} y &= 2x + 8 \\ -3x + 2y &= 12 \end{aligned}$$

5)
$$\begin{aligned} y &= -2x - 4 \\ -x + 4y &= 11 \end{aligned}$$

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

7)
$$\begin{aligned} y &= x - 3 \\ -2x - 3y &= 9 \end{aligned}$$

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

9)
$$\begin{aligned} y &= 0 \\ 4x + 2y &= 4 \end{aligned}$$

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