

Assignment

Date _____ Period _____

Solve each system by substitution.

1)
$$\begin{aligned} -2x - y &= -8 \\ y &= 4x - 10 \end{aligned}$$

2)
$$\begin{aligned} y &= -3x + 10 \\ 3x + 2y &= 8 \end{aligned}$$

3)
$$\begin{aligned} -x + 4y &= 10 \\ y &= 3x + 8 \end{aligned}$$

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

5)
$$\begin{aligned} x + 6y &= -15 \\ 8x + 2y &= 18 \end{aligned}$$

6)
$$\begin{aligned} -6x - 7y &= 17 \\ 6x + 5y &= -19 \end{aligned}$$

7)
$$\begin{aligned} -4x + 8y &= 16 \\ y &= 4 \end{aligned}$$

8)
$$\begin{aligned} -2x + 5y &= 2 \\ -3x + 8y &= 2 \end{aligned}$$