

Systems of Equations: Lesson 2

Substitution: Worksheet 1

Name: _____



Solve these by using substitution:

$$\begin{cases} y = -x + 7 \\ y = 2x - 11 \end{cases}$$

$$\begin{cases} y = -5x + 8 \\ y = -10x - 3 \end{cases}$$

$$\begin{cases} y = 4x - 6 \\ y = 6x \end{cases}$$

$$\begin{cases} y = \frac{2}{5}x - 1 \\ x = 5y \end{cases}$$

$$\begin{cases} 2x - 3y = 12 \\ y = x - 5 \end{cases}$$

$$\begin{cases} 8x + 3y = 16 \\ y = x - 2 \end{cases}$$

$$\begin{cases} -2x - 3y = 42 \\ \frac{4}{3}x - y = 2 \end{cases}$$

$$\begin{cases} -6x - 5y = -10 \\ x + y = 5 \end{cases}$$

$$\begin{cases} y - 2x = 24 \\ -4x + y = 14 \end{cases}$$