

# Systems of Equations: Lesson 4a

## Strange Solutions: Worksheet 1

Name: \_\_\_\_\_



Solve by substitution or elimination:

$$\begin{aligned}x &= -2y + 4 \\ 3.5x + 7y &= 14\end{aligned}$$

$$\begin{aligned}y &= -2x + 6 \\ 3y - x + 3 &= 0\end{aligned}$$

$$\begin{aligned}-x + .5y &= 13 \\ x + 15 &= .5y\end{aligned}$$

$$\begin{aligned}17 &= 11y + 12x \\ 12x + 11y &= 14\end{aligned}$$

$$\begin{aligned}5 &= .5x + 3y \\ 10 - x &= 6y\end{aligned}$$

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

$$y = \frac{1}{4}x - 2$$
$$2x - 8y = 16$$

$$6x - 4y = 12$$
$$3x - 2y = -6$$

$$2x - 8y = 14$$
$$x + 4y = -2$$

$$y = -4x + 7$$
$$8x + 2y = 14$$

$$y = 5x + 2$$
$$y = x + 6$$

$$12x = 6y - 3$$
$$4x - 2y = -3$$