

Assignment 9

Test Practice #2

These are a mix of systems solve by using one of the techniques addition or substitution.

1.

$$3x + y = -9$$

$$x + 3y = -11$$

2.

$$4x + 3y = 27$$

$$y = 2x - 1$$

3.

$$3x - 2y = 15$$

$$2x + 2y = 20$$

4.

$$x + 3y = 13$$

$$x + y = 5$$

Name: _____

5.

$$x = 8 - 2y$$

$$3x + y = 34$$

6.

$$-2x + 4y = 12$$

$$6x + 4y = 28$$

7.

$$\begin{aligned}7x + 2y &= 5 \\ 2x + 3y &= 16\end{aligned}$$

8.

$$\begin{aligned}y &= 3x + 1 \\ 5x - 2y &= 1\end{aligned}$$

9.

$$\begin{aligned}x &= 4y \\ 2x + 3y &= 22\end{aligned}$$

10.

$$\begin{aligned}5x - 2y &= 8 \\ 3x - 7y &= -1\end{aligned}$$

11.

$$\begin{aligned}-2x + 4y &= -10 \\ 6x + 4y &= -2\end{aligned}$$

12.

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