

Assignment 9

Test Practice #2

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

1.

$$\begin{aligned}3x + y &= -9 \\x + 3y &= -11\end{aligned}$$

2.

$$\begin{aligned}4x + 3y &= 27 \\y &= 2x - 1\end{aligned}$$

3.

$$\begin{aligned}3x - 2y &= 15 \\2x + 2y &= 20\end{aligned}$$

4.

$$\begin{aligned}x + 3y &= 13 \\x + y &= 5\end{aligned}$$

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5.

$$\begin{aligned}x &= 8 - 2y \\3x + y &= 34\end{aligned}$$

6.

$$\begin{aligned}-2x + 4y &= 12 \\6x + 4y &= 28\end{aligned}$$

7.

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

9.

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

8.

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

10.

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

11.

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

12.

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