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DATE _____

Module 10 Solving Systems of Linear Equations and Inequalities**Lesson 3** Solving Systems of Linear Equations by Substitution**guided practice****Set 1**

1. Solve by substitution:

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

2. Solve by substitution:

$$\begin{cases} y = -2 \\ 4x + y = 0 \end{cases}$$

3. Solve by substitution:

$$\begin{cases} 3x + 2y = 11 \\ y = x + 3 \end{cases}$$

4. Solve by substitution:

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

Set 2

1. Solve by substitution:

$$\begin{cases} 4x - 3y = -1 \\ y - 2x = -3 \end{cases}$$

2. Solve by substitution:

$$\begin{cases} x - 2y = 0 \\ -2x + 4y = 6 \end{cases}$$

3. Solve by substitution:

$$\begin{cases} y = 2x - 1 \\ y = 5x - 19 \end{cases}$$

4. Solve by substitution:

$$\begin{cases} 3x = 4 - y \\ 9x + 3y = 12 \end{cases}$$



