

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## SOLVING LINEAR SYSTEMS USING SUBSTITUTION Exit Quiz

Find the solution of the following systems by substitution and determine if it is an independent, inconsistent or dependent system

1. 
$$\begin{cases} 2x + y = 3 \\ 4x + 3y = 10 \end{cases}$$

4. 
$$\begin{cases} 5x - y = 4 \\ x = 3 - y \end{cases}$$

2. 
$$\begin{cases} x = y - 1 \\ 5x + 3y = -8 \end{cases}$$

5. 
$$\begin{cases} x - y = 10 \\ x + 6y = 1 \end{cases}$$

3. 
$$\begin{cases} 6x + 2y = 7 \\ y = 1 - 3x \end{cases}$$

6. 
$$\begin{cases} y = 1 + 2x \\ 3x - y = 4 \end{cases}$$