

SOLVING LINEAR SYSTEMS USING SUBSTITUTION Bell Work

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

1.
$$\begin{cases} 5x + 3y = -7 \\ x - 2y = 3 \end{cases}$$

4.
$$\begin{cases} 6x - y = 3 \\ 5x - 2y = -8 \end{cases}$$

2.
$$\begin{cases} x + y = 4 \\ 5x - 4y = 6 \end{cases}$$

5.
$$\begin{cases} x - 3y = 4 \\ -2x + 6y = 5 \end{cases}$$

3.
$$\begin{cases} 4x + 3y = 0 \\ x + y = 5 \end{cases}$$

6.
$$\begin{cases} 3/2x + 2y = 10 \\ y = 2x + 1 \end{cases}$$