

Alg 2

Sec 3.2

Substitution

Solve Each System by Substitution

$$\textcircled{1} \begin{cases} x = 17 - 4y \\ y = x - 2 \end{cases}$$

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

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

$$\textcircled{4} \begin{cases} 4x - 7y = 10 \\ y = x - 7 \end{cases}$$

$$\textcircled{5} \begin{cases} x = 16 - 4y \\ 3x + 4y = 8 \end{cases}$$

$$\textcircled{6} \begin{cases} -5x + 3y = 51 \\ y = 10x - 8 \end{cases}$$

$$\textcircled{7} \begin{cases} 2x = 12 \\ x - 5y = -29 \end{cases}$$

$$\textcircled{8} \begin{cases} 2x - y = 23 \\ x - y = -1 \end{cases}$$

$$\textcircled{9} \begin{cases} x + y = 0 \\ x - 2y = 6 \end{cases}$$

$$\textcircled{10} \begin{cases} 2x + y = 9 \\ 4x - y = -15 \end{cases}$$

\* At the end of the hour, turn in what you have done. Keep this worksheet. Finish the rest for homework.