MATH 0482

Chapter 3.2 Solving Linear Systems with Two Variables

SOLVE BY SUBSTITUTION.

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

SOLVE BY SUBSTITUTION.

$$\begin{cases} 3x - 5y = 9 \\ 4x + 2y = -1 \end{cases}$$

Solve by Substitution.

$$\begin{cases} -5x + y = -1 \\ 10x - 2y = 2 \end{cases}$$

Solve by Substitution.

$$\begin{cases} -7x + 3y = 3 \\ 14x - 6y = -16 \end{cases}$$

Solve by Elimination.

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

Solve by Elimination.

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

Solve by Elimination.

$$\begin{cases} 12x + 5y = 11 \\ 3x = 4y + 1 \end{cases}$$

Solve by Elimination.

$$\begin{cases} 3x - y = 7 \\ 6x - 2y = 14 \end{cases}$$

Solve by Elimination.

$$\begin{cases} -\frac{1}{10}x + \frac{1}{2}y = \frac{4}{5} \\ \frac{1}{7}x + \frac{1}{3}y = -\frac{2}{21} \end{cases}$$