

Directions: Answer the following question(s).

- 1 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the question.

$$\begin{aligned} -6x + 5y &= 1 \\ 6x + 4y &= -10 \end{aligned}$$

- 2 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the question.

$$\begin{aligned} -6x + 6y &= 6 \\ -6x + 3y &= -12 \end{aligned}$$

- 3 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the

$$\begin{aligned} 3x - y &= 14 \\ -3x + y &= -14 \end{aligned}$$

question.

- 4 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the question.

$$\begin{aligned} 7x + 2y &= 24 \\ 8x + 2y &= 30 \end{aligned}$$

- 5 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the question.

$$\begin{aligned} x + y &= 9 \\ x + y &= 3 \end{aligned}$$

- 6 Solve the following system of equation. Write either the coordinate point, no solution, or infinitely many to answer the question.

$$\begin{aligned} 3x + 3y &= -9 \\ 4x - 3y &= -19 \end{aligned}$$

Directions: Read the passage below and answer the question(s) that follow.

Money Elimination word problem

Sharon has some one-dollar bills and some five-dollar bills. She has 16 bills. The value of the bills is \$40.

- 7 Write one of the equations needed to solve this problem.

- 8 Write one of the other equation needed to solve this problem.

- 9 How many five dollar bills does Sharon have?

five dollar bills

- 10 How many one dollar bills does Sharon have?

one dollar bills.

Directions: Read the passage below and answer the question(s) that follow.

Wrap elimination problem

The school cafeteria sells two kinds of wraps: vegetarian and chicken. The vegetarian wrap costs \$1.00 and the chicken costs \$2.10. Today they made \$116.90 from the 96 wraps sold.

- 11 Write one equation needed to solve this problem.

- 12 Write the other equation needed to solve this problem.

- 13 How many chicken wraps were made that day?

chicken wraps.

- 14 How many vegetarian wraps were made that day?

vegetarian wraps.