

CC8 Choice Assignment

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Name _____

You need 15 points of problems with correct answers. Date _____ Period _____

Solve each system of equations. Show all work. Each problem worth 1 point.

1)
$$\begin{aligned} 5x - 9y &= 9 \\ -5x - 10y &= 10 \end{aligned}$$

2)
$$\begin{aligned} -4x - 7y &= -19 \\ x + 7y &= 10 \end{aligned}$$

3)
$$\begin{aligned} -2x - 5y &= -26 \\ x - 5y &= -17 \end{aligned}$$

4)
$$\begin{aligned} -2x - 9y &= -20 \\ -3x - 9y &= -12 \end{aligned}$$

5)
$$\begin{aligned} -5x + 7y &= 16 \\ -5x + 2y &= 1 \end{aligned}$$

6)
$$\begin{aligned} 4x + 4y &= 24 \\ 4x - 6y &= 24 \end{aligned}$$

Solve each system of equations. Show all work. Each problem worth 2 points.

7)
$$\begin{aligned} -9x + 10y &= 1 \\ 3x - 3y &= 0 \end{aligned}$$

8)
$$\begin{aligned} 7x - 9y &= -20 \\ -14x + y &= -11 \end{aligned}$$

$$9) \begin{aligned} 3x + 5y &= -16 \\ -x - y &= 4 \end{aligned}$$

$$10) \begin{aligned} 3x - 5y &= 19 \\ -6x + 10y &= -18 \end{aligned}$$

$$11) \begin{aligned} 2x - 4y &= 12 \\ -10x + 12y &= 4 \end{aligned}$$

$$12) \begin{aligned} -3x - 7y &= -19 \\ -9x - 4y &= 11 \end{aligned}$$

Solve each system of equations. Show all work. Each problem worth 3 points.

$$13) \begin{aligned} 7x - 7y &= 14 \\ 2x + 3y &= 9 \end{aligned}$$

$$14) \begin{aligned} 3x - 3y &= -12 \\ 4x + 5y &= 11 \end{aligned}$$

$$15) \begin{aligned} -5x + 8y &= 8 \\ 2x - 6y &= -6 \end{aligned}$$

$$16) \begin{aligned} -3x + 6y &= 24 \\ -5x - 7y &= 23 \end{aligned}$$

Answers to You need 15 points of problems with correct answers.

1) $(0, -1)$

5) $(1, 3)$

9) $(-2, -2)$

13) $(3, 1)$

2) $(3, 1)$

6) $(6, 0)$

10) No solution

14) $(-1, 3)$

3) $(3, 4)$

7) $(1, 1)$

11) $(-10, -8)$

15) $(0, 1)$

4) $(-8, 4)$

8) $(1, 3)$

12) $(-3, 4)$

16) $(-6, 1)$