

Summer Assignment Review- Solving Systems of Linear Equations using Elimination

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Solve each system by elimination. Write your answer as an ordered pair.

1)
$$\begin{aligned} -x + 6y &= -5 \\ 9x + 12y &= -21 \end{aligned}$$

2)
$$\begin{aligned} -5x + 6y &= -5 \\ -6x + 12y &= -30 \end{aligned}$$

3)
$$\begin{aligned} 4x - 7y &= -17 \\ -3x + 14y &= 4 \end{aligned}$$

4)
$$\begin{aligned} 7x + 2y &= -2 \\ 14x + 5y &= 2 \end{aligned}$$

5)
$$\begin{aligned} -12x - y &= 15 \\ -4x + 5y &= -11 \end{aligned}$$

6)
$$\begin{aligned} 10x + 6y &= 0 \\ -4x + 3y &= -27 \end{aligned}$$

7)
$$\begin{aligned} -2x - 6y &= -22 \\ 9x - 9y &= 27 \end{aligned}$$

8)
$$\begin{aligned} -5x + 6y &= -6 \\ 4x - 7y &= 7 \end{aligned}$$

9)
$$\begin{aligned} 5x + 9y &= -23 \\ -2x - 5y &= 5 \end{aligned}$$

10)
$$\begin{aligned} 6x - 8y &= 4 \\ 5x + 9y &= -28 \end{aligned}$$

11)
$$\begin{aligned} 2x + 7y &= 30 \\ 3x - 2y &= -5 \end{aligned}$$

12)
$$\begin{aligned} -5x - 6y &= -6 \\ -3x + 9y &= 9 \end{aligned}$$

Answers to Summer Assignment Review- Solving Systems of Linear Equations using Elimination

1) $(-1, -1)$

2) $(-5, -5)$

3) $(-6, -1)$

4) $(-2, 6)$

5) $(-1, -3)$

6) $(3, -5)$

7) $(5, 2)$

8) $(0, -1)$

9) $(-10, 3)$

10) $(-2, -2)$

11) $(1, 4)$

12) $(0, 1)$