

Home Review Day 10 - Elimination

Date _____ Period _____

Solve each system by elimination.

1)
$$\begin{aligned} 7x - y &= -6 \\ 9x + y &= -10 \end{aligned}$$

2)
$$\begin{aligned} -6x - 6y &= 0 \\ x + 6y &= -30 \end{aligned}$$

3)
$$\begin{aligned} 10x - 3y &= 22 \\ -10x - 4y &= 6 \end{aligned}$$

4)
$$\begin{aligned} -10x - 4y &= 14 \\ -3x - 4y &= -7 \end{aligned}$$

5)
$$\begin{aligned} -x - 2y &= -20 \\ -3x - 2y &= -20 \end{aligned}$$

6)
$$\begin{aligned} -4x - 5y &= 3 \\ -4x + 10y &= 18 \end{aligned}$$

$$\begin{aligned} 7) \quad & -2x - 10y = 14 \\ & -5x + 2y = -19 \end{aligned}$$

$$\begin{aligned} 8) \quad & -x + 12y = 23 \\ & -10x - 6y = -22 \end{aligned}$$

$$\begin{aligned} 9) \quad & x - 2y = 23 \\ & -5x - 10y = 25 \end{aligned}$$

$$\begin{aligned} 10) \quad & 10x - 7y = 9 \\ & -7x + 2y = -15 \end{aligned}$$

$$\begin{aligned} 11) \quad & 5x - 7y = -15 \\ & -3x - 6y = 9 \end{aligned}$$

$$\begin{aligned} 12) \quad & -10x - 10y = 0 \\ & -3x - 6y = 21 \end{aligned}$$

Answers to Home Review Day 10 - Elimination (ID: 1)

1) $(-1, -1)$
5) $(0, 10)$
9) $(9, -7)$

2) $(6, -6)$
6) $(-2, 1)$
10) $(3, 3)$

3) $(1, -4)$
7) $(3, -2)$
11) $(-3, 0)$

4) $(-3, 4)$
8) $(1, 2)$
12) $(7, -7)$