

Solve System of Equations by Elimination #3

Date _____ Period _____

Solve each system by elimination.

1)
$$\begin{aligned} -7x + 6y &= 2 \\ x - 4y &= 6 \end{aligned}$$

2)
$$\begin{aligned} 4x + 3y &= 11 \\ -2x - 4y &= 2 \end{aligned}$$

3)
$$\begin{aligned} x + 10y &= -15 \\ 4x - 5y &= -15 \end{aligned}$$

4)
$$\begin{aligned} 3x - 5y &= 13 \\ -6x + y &= -8 \end{aligned}$$

5)
$$\begin{aligned} -6x + 3y &= 12 \\ x - 6y &= -13 \end{aligned}$$

6)
$$\begin{aligned} -8x + 2y &= -10 \\ 2x - 3y &= 15 \end{aligned}$$

7)
$$\begin{aligned} -4x - 6y &= -4 \\ 5x + 12y &= 14 \end{aligned}$$

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

9)
$$\begin{aligned} -6x + 4y &= -2 \\ -12x + y &= 10 \end{aligned}$$

10)
$$\begin{aligned} -3x - 5y &= -18 \\ -9x + y &= -6 \end{aligned}$$

11)
$$\begin{aligned} -8x + 2y &= 2 \\ -4x + 3y &= 3 \end{aligned}$$

12)
$$\begin{aligned} -6x + 3y &= 9 \\ -3x + 2y &= 7 \end{aligned}$$

13)
$$\begin{aligned} 4x + 6y &= -14 \\ -5x - 2y &= -10 \end{aligned}$$

14)
$$\begin{aligned} 4x + 3y &= 2 \\ -x + y &= -11 \end{aligned}$$

15)
$$\begin{aligned} -3x - 3y &= -3 \\ 9x + 6y &= -6 \end{aligned}$$

16)
$$\begin{aligned} x + 4y &= 14 \\ -5x - 2y &= 2 \end{aligned}$$

17)
$$\begin{aligned} 12x + 5y &= 9 \\ 6x + 3y &= 3 \end{aligned}$$

18)
$$\begin{aligned} 3x + y &= -1 \\ -x - 4y &= -7 \end{aligned}$$

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

20)
$$\begin{aligned} -3x + y &= -14 \\ -2x + 2y &= -8 \end{aligned}$$