

Elimination (addition/subtraction)

Date _____ Period _____

Solve each system by elimination.

1)
$$\begin{aligned} -3x + 9y &= 27 \\ 3x - 9y &= -27 \end{aligned}$$

2)
$$\begin{aligned} -8x + 10y &= 4 \\ 5x - 10y &= 5 \end{aligned}$$

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

4)
$$\begin{aligned} 2x - y &= -15 \\ -2x + 10y &= 6 \end{aligned}$$

5)
$$\begin{aligned} 2x + y &= -10 \\ -2x + y &= 26 \end{aligned}$$

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

7)
$$\begin{aligned} -6x - 4y &= 2 \\ x - 4y &= -5 \end{aligned}$$

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

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

10)
$$\begin{aligned} 4x - 7y &= 3 \\ 4x - 3y &= -17 \end{aligned}$$