

Week 11 Homework

Date _____ Period _____

Solve each system by elimination.

1) $x - 3y = 10$
 $8x + 3y = -28$

2) $-5x - 4y = -5$
 $8x + 4y = 20$

3) $7x - 9y = -28$
 $-7x - y = 28$

4) $-5x - 9y = 30$
 $6x + 9y = -27$

5) $4x - 18y = 26$
 $-2x - 9y = 5$

6) $-3x + 3y = 21$
 $x + 4y = 28$

$$\begin{array}{l} 7) \quad 2x - 10y = 6 \\ \quad \quad 7x - 5y = 21 \end{array}$$

$$\begin{array}{l} 8) \quad -6x - 4y = 2 \\ \quad \quad 12x + 7y = -5 \end{array}$$

$$\begin{array}{l} 9) \quad 8x - 9y = 14 \\ \quad \quad 9x - 10y = 16 \end{array}$$

$$\begin{array}{l} 10) \quad -3x + 9y = 6 \\ \quad \quad 10x + 5y = 15 \end{array}$$

$$\begin{array}{l} 11) \quad -8x - 3y = 7 \\ \quad \quad -6x - 4y = 14 \end{array}$$

$$\begin{array}{l} 12) \quad 6x - 7y = 21 \\ \quad \quad 5x - 4y = 12 \end{array}$$