Unit 1 Day 3 - Solving Systems by Combinations Assignment Name:_____

Solve the systems by using the combination/elimination method.

1. $\begin{cases} 3x-2y=12 \\ -3x+8y=-6 \end{cases}$	**2.** $\begin{cases} 4x+9y=7 \\ 4x-9y=9 \end{cases}$	**3.** $\begin{cases} 12x-14y=-8 \\ -8x-14y=52 \end{cases}$
4. $\begin{cases} 5x+15y=10 \\ 5x-10y=-40 \end{cases}$	**5.** $\begin{cases} 2x+5y=3 \\ -x+3y=-7 \end{cases}$	**6.** $\begin{cases} 2x+y=3 \\ -4x-4y=-8 \end{cases}$

7. $\begin{cases} 4x + 3y = 16 \\ 6x - 9y = 24 \end{cases}$

8. $\begin{cases} x + 4y = 23 \\ 2x - 2y = 4 \end{cases}$

9. $\begin{cases} 3x + 2y = 12 \\ -2x + 2y = -2 \end{cases}$

10. $\begin{cases} 3x + 2y = 44 \\ 2x + 5y = 11 \end{cases}$

11. $\begin{cases} 9x - 3y = 20 \\ 3x + 6y = 2 \end{cases}$

12. $\begin{cases} 5x + 4y = 9 \\ 4x + 5y = 9 \end{cases}$

An error is not a terror. Mistakes are proof that you're trying.