

Name: _____ Date: _____ Period: _____ Score: _____

Solving Linear Systems by Combination/Elimination ASSIGNMENT

Solve the system by using the combination/elimination method.

$$1. \begin{cases} 3x - 2y = 12 \\ -3x + 8y = -6 \end{cases}$$

$$2. \begin{cases} 4x + 9y = 7 \\ 4x - 9y = 9 \end{cases}$$

$$3. \begin{cases} 12x - 14y = -8 \\ -8x - 14y = 52 \end{cases}$$

$$4. \begin{cases} 5x + 15y = 10 \\ 5x - 10y = -40 \end{cases}$$

$$5. \begin{cases} 2x + 5y = 3 \\ -x + 3y = -7 \end{cases}$$

$$6. \begin{cases} 2x + y = 3 \\ -4x - 4y = -8 \end{cases}$$

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

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

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

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

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

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