

**Systems of Equations Worksheet 19**

Use elimination to solve each system of equations. Remember to write your answers as an ordered pair, i.e.  $(x, y)$ .

$$1. \begin{cases} -210x + 140y = -192 \\ -70x - 630y = 139 \end{cases}$$

$$2. \begin{cases} 2x + 4y = 12 \\ 6x - 10y = -41 \end{cases}$$

$$3. \begin{cases} -3x - 3y = -16 \\ -12x - 9y = -40 \end{cases}$$

$$4. \begin{cases} 35x + 210y = -148 \\ -35x - 35y = 8 \end{cases}$$

$$5. \begin{cases} -63x - 63y = 9 \\ -21x + 14y = -47 \end{cases}$$

$$6. \begin{cases} -14x - 42y = 22 \\ 28x + 28y = 12 \end{cases}$$

$$7. \begin{cases} 30x + 24y = 56 \\ -3x + 5y = -13 \end{cases}$$

$$8. \begin{cases} 3x - 5y = 14 \\ -x - 7y = 17 \end{cases}$$

$$9. \begin{cases} 20x + 20y = 8 \\ -25x + 30y = -43 \end{cases}$$

$$10. \begin{cases} -10x - 8y = -15 \\ -10x - 9y = -16 \end{cases}$$

$$11. \begin{cases} -2x - 8y = 38 \\ -14x + 6y = -13 \end{cases}$$

$$12. \begin{cases} -4x - 18y = -77 \\ x - 5y = -14 \end{cases}$$