Two-Variables Linear Equations ($ax+by=c$)

Name: _____

Date: _____ Score: _____

$$\begin{aligned}1. \quad & 2x - 6y = -10 \\& 8x - 2y = 26\end{aligned}$$

$$\begin{aligned}2. \quad & 2x + 8y = 32 \\& 6x - 8y = 32\end{aligned}$$

$$\begin{aligned}3. \quad & 2x + 5y = 49 \\& 6x - 5y = -33\end{aligned}$$

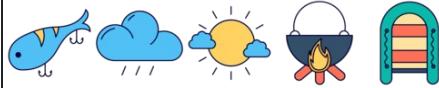
$$\begin{aligned}4. \quad & 7x + 5y = 83 \\& 5x + 7y = 73\end{aligned}$$

$$\begin{aligned}5. \quad & 3x + 6y = 69 \\& 2x + 7y = 67\end{aligned}$$

$$\begin{aligned}6. \quad & 3x + 3y = 39 \\& 5x + 6y = 70\end{aligned}$$

$$\begin{aligned}7. \quad & 5x + 2y = 26 \\& 4x - 4y = 4\end{aligned}$$

$$\begin{aligned}8. \quad & 7x + 7y = 63 \\& 4x + 8y = 48\end{aligned}$$

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$$\begin{aligned} 1. \quad & 2x - 6y = -10 \\ & 8x - 2y = 26 \end{aligned}$$

$$\begin{aligned} x &= 4 \\ y &= 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2x + 8y = 32 \\ & 6x - 8y = 32 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2x + 5y = 49 \\ & 6x - 5y = -33 \end{aligned}$$

$$\begin{aligned} x &= 2 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 4. \quad & 7x + 5y = 83 \\ & 5x + 7y = 73 \end{aligned}$$

$$\begin{aligned} x &= 9 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3x + 6y = 69 \\ & 2x + 7y = 67 \end{aligned}$$

$$\begin{aligned} x &= 9 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3x + 3y = 39 \\ & 5x + 6y = 70 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 5 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5x + 2y = 26 \\ & 4x - 4y = 4 \end{aligned}$$

$$\begin{aligned} x &= 4 \\ y &= 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 7x + 7y = 63 \\ & 4x + 8y = 48 \end{aligned}$$

$$\begin{aligned} x &= 6 \\ y &= 3 \end{aligned}$$