

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned} 1. \quad & 8x - 5y = 47 \\ & 3x + 6y = 57 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3x - 2y = -3 \\ & 8x - 2y = 12 \end{aligned}$$

$$\begin{aligned} 3. \quad & 8x + 5y = 69 \\ & 5x - 6y = -39 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6x + 6y = 90 \\ & 2x + 8y = 78 \end{aligned}$$

$$\begin{aligned} 5. \quad & 5x + 7y = 64 \\ & 6x - 6y = -24 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6x - 2y = 6 \\ & 4x + 7y = 79 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4x - 3y = 2 \\ & 6x + 3y = 48 \end{aligned}$$

$$\begin{aligned} 8. \quad & 8x + 2y = 26 \\ & 2x + 4y = 24 \end{aligned}$$

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$$\begin{aligned} 1. \quad 8x - 5y &= 47 \\ 3x + 6y &= 57 \end{aligned}$$

$$\begin{aligned} x &= 9 \\ y &= 5 \end{aligned}$$

$$\begin{aligned} 2. \quad 3x - 2y &= -3 \\ 8x - 2y &= 12 \end{aligned}$$

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

$$\begin{aligned} 3. \quad 8x + 5y &= 69 \\ 5x - 6y &= -39 \end{aligned}$$

$$\begin{aligned} x &= 3 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 4. \quad 6x + 6y &= 90 \\ 2x + 8y &= 78 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 8 \end{aligned}$$

$$\begin{aligned} 5. \quad 5x + 7y &= 64 \\ 6x - 6y &= -24 \end{aligned}$$

$$\begin{aligned} x &= 3 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 6. \quad 6x - 2y &= 6 \\ 4x + 7y &= 79 \end{aligned}$$

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

$$\begin{aligned} 7. \quad 4x - 3y &= 2 \\ 6x + 3y &= 48 \end{aligned}$$

$$\begin{aligned} x &= 5 \\ y &= 6 \end{aligned}$$

$$\begin{aligned} 8. \quad 8x + 2y &= 26 \\ 2x + 4y &= 24 \end{aligned}$$

$$\begin{aligned} x &= 2 \\ y &= 5 \end{aligned}$$