

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned} 1. \quad & 8x + 6y = 46 \\ & 5x - 7y = -25 \end{aligned}$$

$$\begin{aligned} 2. \quad & 8x + 5y = 64 \\ & 7x + 3y = 45 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6x - 7y = -51 \\ & 5x + 3y = 37 \end{aligned}$$

$$\begin{aligned} 4. \quad & 8x + 7y = 66 \\ & 7x + 3y = 39 \end{aligned}$$

$$\begin{aligned} 5. \quad & 8x - 3y = 13 \\ & 2x - 8y = -4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 7x + 7y = 56 \\ & 6x - 4y = 28 \end{aligned}$$

$$\begin{aligned} 7. \quad & 6x - 8y = 6 \\ & 6x + 6y = 48 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3x - 2y = 19 \\ & 3x - 4y = 11 \end{aligned}$$

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$$\begin{aligned} 1. \quad & 8x + 6y = 46 \\ & 5x - 7y = -25 \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 8x + 5y = 64 \\ & 7x + 3y = 45 \end{aligned}$$

$$\begin{aligned} x &= 3 \\ y &= 8 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6x - 7y = -51 \\ & 5x + 3y = 37 \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 8x + 7y = 66 \\ & 7x + 3y = 39 \end{aligned}$$

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

$$\begin{aligned} 5. \quad & 8x - 3y = 13 \\ & 2x - 8y = -4 \end{aligned}$$

$$\begin{aligned} x &= 2 \\ y &= 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & 7x + 7y = 56 \\ & 6x - 4y = 28 \end{aligned}$$

$$\begin{aligned} x &= 6 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 6x - 8y = 6 \\ & 6x + 6y = 48 \end{aligned}$$

$$\begin{aligned} x &= 5 \\ y &= 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3x - 2y = 19 \\ & 3x - 4y = 11 \end{aligned}$$

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