

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned} 1. \quad & 3x - 4y = -13 \\ & 5x + 4y = 53 \end{aligned}$$

$$\begin{aligned} 2. \quad & 6x - 6y = -36 \\ & 2x - 6y = -48 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2x + 5y = 40 \\ & 7x + 4y = 59 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6x + 8y = 56 \\ & 4x + 8y = 40 \end{aligned}$$

$$\begin{aligned} 5. \quad & 8x + 2y = 58 \\ & 3x - 5y = -30 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6x + 3y = 24 \\ & 3x + 6y = 21 \end{aligned}$$

$$\begin{aligned} 7. \quad & 6x - 4y = 32 \\ & 4x - 7y = 17 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5x + 8y = 97 \\ & 3x + 2y = 33 \end{aligned}$$

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$$\begin{aligned} 1. \quad 3x - 4y &= -13 \\ 5x + 4y &= 53 \end{aligned}$$

$$\begin{aligned} x &= 5 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 2. \quad 6x - 6y &= -36 \\ 2x - 6y &= -48 \end{aligned}$$

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

$$\begin{aligned} 3. \quad 2x + 5y &= 40 \\ 7x + 4y &= 59 \end{aligned}$$

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

$$\begin{aligned} 4. \quad 6x + 8y &= 56 \\ 4x + 8y &= 40 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 1 \end{aligned}$$

$$\begin{aligned} 5. \quad 8x + 2y &= 58 \\ 3x - 5y &= -30 \end{aligned}$$

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

$$\begin{aligned} 6. \quad 6x + 3y &= 24 \\ 3x + 6y &= 21 \end{aligned}$$

$$\begin{aligned} x &= 3 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 7. \quad 6x - 4y &= 32 \\ 4x - 7y &= 17 \end{aligned}$$

$$\begin{aligned} x &= 6 \\ y &= 1 \end{aligned}$$

$$\begin{aligned} 8. \quad 5x + 8y &= 97 \\ 3x + 2y &= 33 \end{aligned}$$

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