

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$\begin{aligned} 1. \quad & 3x + 3y = 36 \\ & 8x + 2y = 60 \end{aligned}$$

$$\begin{aligned} 2. \quad & 7x + 7y = 56 \\ & 7x - 7y = -14 \end{aligned}$$

$$\begin{aligned} 3. \quad & 8x - 7y = 20 \\ & 8x + 6y = 72 \end{aligned}$$

$$\begin{aligned} 4. \quad & 7x + 4y = 57 \\ & 6x - 8y = 26 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2x + 3y = 34 \\ & 3x - 2y = 12 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6x + 2y = 18 \\ & 6x - 4y = -18 \end{aligned}$$

$$\begin{aligned} 7. \quad & 6x + 7y = 117 \\ & 2x + 7y = 81 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6x + 3y = 36 \\ & 4x + 6y = 40 \end{aligned}$$

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$$\begin{aligned} 1. \quad 3x + 3y &= 36 \\ 8x + 2y &= 60 \end{aligned}$$

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

$$\begin{aligned} 2. \quad 7x + 7y &= 56 \\ 7x - 7y &= -14 \end{aligned}$$

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

$$\begin{aligned} 3. \quad 8x - 7y &= 20 \\ 8x + 6y &= 72 \end{aligned}$$

$$\begin{aligned} x &= 6 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 4. \quad 7x + 4y &= 57 \\ 6x - 8y &= 26 \end{aligned}$$

$$\begin{aligned} x &= 7 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 5. \quad 2x + 3y &= 34 \\ 3x - 2y &= 12 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 6 \end{aligned}$$

$$\begin{aligned} 6. \quad 6x + 2y &= 18 \\ 6x - 4y &= -18 \end{aligned}$$

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

$$\begin{aligned} 7. \quad 6x + 7y &= 117 \\ 2x + 7y &= 81 \end{aligned}$$

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

$$\begin{aligned} 8. \quad 6x + 3y &= 36 \\ 4x + 6y &= 40 \end{aligned}$$

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