

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

Name: _____

Date: _____ Score: _____

$$\begin{aligned}1. \quad & 2x - 8y = -16 \\& 4x - 7y = 4\end{aligned}$$

$$\begin{aligned}2. \quad & 3x + 6y = 78 \\& 8x - 8y = -8\end{aligned}$$

$$\begin{aligned}3. \quad & 8x - 2y = 28 \\& 2x + 3y = 14\end{aligned}$$

$$\begin{aligned}4. \quad & 2x + 6y = 28 \\& 2x + 5y = 24\end{aligned}$$

$$\begin{aligned}5. \quad & 7x + 8y = 119 \\& 4x + 5y = 71\end{aligned}$$

$$\begin{aligned}6. \quad & 5x + 5y = 65 \\& 3x - 7y = -51\end{aligned}$$

$$\begin{aligned}7. \quad & 6x - 4y = 14 \\& 3x + 7y = 43\end{aligned}$$

$$\begin{aligned}8. \quad & 5x + 8y = 76 \\& 6x - 8y = -32\end{aligned}$$

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$$\begin{aligned} 1. \quad 2x - 8y &= -16 \\ &4x - 7y = 4 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 2. \quad 3x + 6y &= 78 \\ &8x - 8y = -8 \end{aligned}$$

$$\begin{aligned} x &= 8 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 3. \quad 8x - 2y &= 28 \\ &2x + 3y = 14 \\ x &= 4 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 4. \quad 2x + 6y &= 28 \\ &2x + 5y = 24 \\ x &= 2 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 5. \quad 7x + 8y &= 119 \\ &4x + 5y = 71 \\ x &= 9 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 6. \quad 5x + 5y &= 65 \\ &3x - 7y = -51 \\ x &= 4 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 7. \quad 6x - 4y &= 14 \\ &3x + 7y = 43 \\ x &= 5 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 8. \quad 5x + 8y &= 76 \\ &6x - 8y = -32 \\ x &= 4 \\ y &= 7 \end{aligned}$$