



Name: _____

Date: _____

Systems of Equations

$$\begin{aligned}1. \quad & 5x + 7y = -25 \\& 9x - 6y = -45\end{aligned}$$

$$\begin{aligned}5. \quad & 7x + 8y = -47 \\& 3x - 6y = 27\end{aligned}$$

$$\begin{aligned}2. \quad & 4x + 2y = 4 \\& 7x + 8y = 43\end{aligned}$$

$$\begin{aligned}6. \quad & 2x + 6y = -26 \\& 4x + 9y = -37\end{aligned}$$

$$\begin{aligned}3. \quad & 8x + 7y = 38 \\& 7x - 4y = -68\end{aligned}$$

$$\begin{aligned}7. \quad & 2x + 6y = 10 \\& 8x + 4y = 0\end{aligned}$$

$$\begin{aligned}4. \quad & 6x + 4y = 36 \\& 2x - 3y = 25\end{aligned}$$

$$\begin{aligned}8. \quad & 5x + 8y = 18 \\& 3x + 9y = 15\end{aligned}$$



Systems of Equations – Answer Key

$$\begin{aligned}1. \quad & 5x + 7y = -25 \\& 9x - 6y = -45 \\& (-5, 0)\end{aligned}$$

$$\begin{aligned}5. \quad & 7x + 8y = -47 \\& 3x - 6y = 27 \\& (-1, -5)\end{aligned}$$

$$\begin{aligned}2. \quad & 4x + 2y = 4 \\& 7x + 8y = 43 \\& (-3, 8)\end{aligned}$$

$$\begin{aligned}6. \quad & 2x + 6y = -26 \\& 4x + 9y = -37 \\& (2, -5)\end{aligned}$$

$$\begin{aligned}3. \quad & 8x + 7y = 38 \\& 7x - 4y = -68 \\& (-4, 10)\end{aligned}$$

$$\begin{aligned}7. \quad & 2x + 6y = 10 \\& 8x + 4y = 0 \\& (-1, 2)\end{aligned}$$

$$\begin{aligned}4. \quad & 6x + 4y = 36 \\& 2x - 3y = 25 \\& (8, -3)\end{aligned}$$

$$\begin{aligned}8. \quad & 5x + 8y = 18 \\& 3x + 9y = 15 \\& (2, 1)\end{aligned}$$