



Name: _____

Date: _____

Systems of Equations

$$\begin{aligned}1. \quad & 4x + 3y = 4 \\& 4x - 2y = 44\end{aligned}$$

$$\begin{aligned}5. \quad & 2x + 2y = 6 \\& 4x - 5y = 12\end{aligned}$$

$$\begin{aligned}2. \quad & 6x + 4y = 44 \\& 6x + y = 65\end{aligned}$$

$$\begin{aligned}6. \quad & 4x + y = -19 \\& x - 4y = -26\end{aligned}$$

$$\begin{aligned}3. \quad & 6x + 3y = 18 \\& 5x - 2y = 42\end{aligned}$$

$$\begin{aligned}7. \quad & 3x + 5y = 37 \\& 4x - 2y = -46\end{aligned}$$

$$\begin{aligned}4. \quad & 5x + y = 61 \\& 3x + 5y = 63\end{aligned}$$

$$\begin{aligned}8. \quad & 6x + 5y = -28 \\& 4x + 5y = -32\end{aligned}$$



Systems of Equations – Answer Key

1. $4x + 3y = 4$
 $4x - 2y = 44$
(7, -8)

5. $2x + 2y = 6$
 $4x - 5y = 12$
(3, 0)

2. $6x + 4y = 44$
 $6x + y = 65$
(12, -7)

6. $4x + y = -19$
 $x - 4y = -26$
(-6, 5)

3. $6x + 3y = 18$
 $5x - 2y = 42$
(6, -6)

7. $3x + 5y = 37$
 $4x - 2y = -46$
(-6, 11)

4. $5x + y = 61$
 $3x + 5y = 63$
(11, 6)

8. $6x + 5y = -28$
 $4x + 5y = -32$
(2, -8)