



Name: _____

Date: _____

Systems of Equations

$$\begin{aligned}1. \quad y &= 4x + 20 \\1x + 5y &= -5\end{aligned}$$

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

$$\begin{aligned}2. \quad y &= -2x + 16 \\2x + 2y &= 24\end{aligned}$$

$$\begin{aligned}6. \quad y &= -1x + 11 \\1x + y &= 11\end{aligned}$$

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

$$\begin{aligned}7. \quad y &= -2x + 20 \\2x + 5y &= 60\end{aligned}$$

$$\begin{aligned}4. \quad y &= -3x - 20 \\5x + 3y &= -40\end{aligned}$$

$$\begin{aligned}8. \quad y &= -2x + 16 \\3x + 5y &= 10\end{aligned}$$



Systems of Equations – Answer Key

1. $y = 4x + 20$

$$1x + 5y = -5$$

(-5, 0)

5. $y = -2x + 6$

$$2x + 4y = -6$$

(5, -4)

2. $y = -2x + 16$

$$2x + 2y = 24$$

(4, 8)

6. $y = -1x + 11$

$$1x + y = 11$$

(2, 9)

3. $y = 5x + 18$

$$5x + 2y = 6$$

(-2, 8)

7. $y = -2x + 20$

$$2x + 5y = 60$$

(5, 10)

4. $y = -3x - 20$

$$5x + 3y = -40$$

(-5, -5)

8. $y = -2x + 16$

$$3x + 5y = 10$$

(10, -4)