



Name: _____

Date: _____

Algebra 1 – Unit 5 – Systems of Equations (Medium)

$$\begin{aligned}1. \quad & 6x + y = -28 \\& 6x + 5y = 4\end{aligned}$$

$$\begin{aligned}5. \quad & 5x + 6y = 89 \\& 4x + 4y = 64\end{aligned}$$

$$\begin{aligned}2. \quad & 4x + 5y = -59 \\& 5x - 5y = 5\end{aligned}$$

$$\begin{aligned}6. \quad & 2x + 3y = -4 \\& 5x - 4y = 59\end{aligned}$$

$$\begin{aligned}3. \quad & x + y = 3 \\& 4x + 5y = 12\end{aligned}$$

$$\begin{aligned}7. \quad & 6x + 4y = 116 \\& 5x + 5y = 115\end{aligned}$$

$$\begin{aligned}4. \quad & x + y = 1 \\& 3x + 4y = 7\end{aligned}$$

$$\begin{aligned}8. \quad & 5x + 4y = 59 \\& 4x + 4y = 56\end{aligned}$$



Algebra 1 – Unit 5 – Systems of Equations (Medium) – Answer Key

1. $6x + y = -28$
 $6x + 5y = 4$
(-6, 8)

5. $5x + 6y = 89$
 $4x + 4y = 64$
(7, 9)

2. $4x + 5y = -59$
 $5x - 5y = 5$
(-6, -7)

6. $2x + 3y = -4$
 $5x - 4y = 59$
(7, -6)

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

7. $6x + 4y = 116$
 $5x + 5y = 115$
(12, 11)

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

8. $5x + 4y = 59$
 $4x + 4y = 56$
(3, 11)