



Name: _____

Date: _____

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

1. $6x + y = -28$
 $6x + 5y = 4$

5. $5x + 6y = 89$
 $4x + 4y = 64$

2. $4x + 5y = -59$
 $5x - 5y = 5$

6. $2x + 3y = -4$
 $5x - 4y = 59$

3. $x + y = 3$
 $4x + 5y = 12$

7. $6x + 4y = 116$
 $5x + 5y = 115$

4. $x + y = 1$
 $3x + 4y = 7$

8. $5x + 4y = 59$
 $4x + 4y = 56$



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. $5x + 4y = 59$

$$4x + 4y = 56$$

$$(3, 11)$$