



Name: _____

Date: _____

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

1. $4x + 6y = 42$
 $2x + 6y = 36$

2. $4x + 2y = 34$
 $5x + 6y = 60$

3. $5x + 6y = -32$
 $2x + y = -3$

4. $5x + 4y = 39$
 $4x - 4y = 60$

5. $2x + 3y = -1$
 $6x - y = 7$

6. $5x + 5y = -20$
 $6x + 6y = -24$

7. $5x + 5y = 45$
 $3x - 5y = 27$

8. $3x + 4y = -5$
 $4x - 5y = 45$



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

9. $3x + 6y = 60$
 $x - y = -4$

10. $4x + 6y = -10$
 $5x - 6y = -26$

11. $6x + 6y = 18$
 $4x - 3y = 40$

12. $6x + 4y = 52$
 $6x - 5y = 97$

13. $3x + 4y = 57$
 $2x + 4y = 50$

14. $4x + 5y = 11$
 $5x + y = 40$

15. $2x + 2y = 16$
 $6x - 3y = 48$

16. $4x + 2y = -14$
 $2x + 5y = 13$



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

1. $4x + 6y = 42$

$$2x + 6y = 36$$

(3, 5)

2. $4x + 2y = 34$

$$5x + 6y = 60$$

(6, 5)

3. $5x + 6y = -32$

$$2x + y = -3$$

(2, -7)

4. $5x + 4y = 39$

$$4x - 4y = 60$$

(11, -4)

5. $2x + 3y = -1$

$$6x - y = 7$$

(1, -1)

6. $5x + 5y = -20$

$$6x + 6y = -24$$

(-3, -1)

7. $5x + 5y = 45$

$$3x - 5y = 27$$

(9, 0)

8. $3x + 4y = -5$

$$4x - 5y = 45$$

(5, -5)



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

9. $3x + 6y = 60$

$x - y = -4$

(4, 8)

10. $4x + 6y = -10$

$5x - 6y = -26$

(-4, 1)

11. $6x + 6y = 18$

$4x - 3y = 40$

(7, -4)

12. $6x + 4y = 52$

$6x - 5y = 97$

(12, -5)

13. $3x + 4y = 57$

$2x + 4y = 50$

(7, 9)

14. $4x + 5y = 11$

$5x + y = 40$

(9, -5)

15. $2x + 2y = 16$

$6x - 3y = 48$

(8, 0)

16. $4x + 2y = -14$

$2x + 5y = 13$

(-6, 5)