



Name: _____

Date: _____

Systems_of_Equations - Medium (12 problems)

1. $2x + 2y = 40$
 $6x - 6y = 12$

2. $5x + 2y = 1$
 $6x + y = -10$

3. $2x + 2y = -16$
 $4x - 6y = -22$

4. $6x + 5y = -21$
 $2x - 2y = -18$

5. $6x + 4y = -16$
 $2x + 4y = -8$

6. $3x + 5y = -39$
 $4x + 2y = -38$

7. $x + 5y = 17$
 $x + 6y = 18$

8. $3x + 6y = 69$
 $4x + 2y = 56$



Name: _____

Date: _____

Systems_of_Equations - Medium (12 problems)

9. $x + 5y = 34$

$$5x + 6y = 75$$

10. $5x + 4y = 30$

$$5x - y = 55$$

11. $x + y = -1$

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

12. $5x + 2y = 16$

$$3x + 3y = 6$$



Systems_of_Equations – Medium (12 problems) – Answer Key

1. $2x + 2y = 40$
 $6x - 6y = 12$

(11, 9)

2. $5x + 2y = 1$
 $6x + y = -10$

(-3, 8)

3. $2x + 2y = -16$
 $4x - 6y = -22$

(-7, -1)

4. $6x + 5y = -21$
 $2x - 2y = -18$

(-6, 3)

5. $6x + 4y = -16$
 $2x + 4y = -8$

(-2, -1)

6. $3x + 5y = -39$
 $4x + 2y = -38$

(-8, -3)

7. $x + 5y = 17$
 $x + 6y = 18$

(12, 1)

8. $3x + 6y = 69$
 $4x + 2y = 56$

(11, 6)



Systems_of_Equations – Medium (12 problems) – Answer Key

9. $x + 5y = 34$

$$5x + 6y = 75$$

(9, 5)

10. $5x + 4y = 30$

$$5x - y = 55$$

(10, -5)

11. $x + y = -1$

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

(-5, 4)

12. $5x + 2y = 16$

$$3x + 3y = 6$$

(4, -2)