Systems_of_Equations - Medium (16 problems)

1. $5x + 3y = 14$
   $2x - y = 21$

2. $2x + 4y = -24$
   $2x - 6y = 56$

3. $4x + 2y = 8$
   $4x + 5y = -10$

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

5. $4x + 4y = -12$
   $2x + y = -3$

6. $6x + 2y = 66$
   $6x + 6y = 66$

7. $x + y = 6$
   $5x - 2y = 37$

8. $x + 5y = 62$
   $6x - 5y = 22$

Systems_of_Equations - Medium (16 problems)

9. $x + 2y = 22$
    $6x - 4y = 20$

10. $6x + y = 21$
     $2x - 4y = -32$

11. $3x + 3y = 3$
     $5x - 5y = 85$

12. $4x + 5y = 50$
     $6x - 5y = 50$

13. $6x + 3y = -15$
     $x + 5y = 11$

14. $3x + 5y = 20$
     $3x + 2y = -1$

15. $x + y = 3$
     $5x - 4y = -66$

16. $4x + 5y = 49$
     $2x - 4y = 18$

Systems_of_Equations - Medium (16 problems) - Answer Key

1. $5x + 3y = 14$
   $2x - y = 21$

   (7, -7)

2. $2x + 4y = -24$
   $2x - 6y = 56$

   (4, -8)

3. $4x + 2y = 8$
   $4x + 5y = -10$

   (5, -6)

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

   (-6, 6)

5. $4x + 4y = -12$
   $2x + y = -3$

   (0, -3)

6. $6x + 2y = 66$
   $6x + 6y = 66$

   (11, 0)

7. $x + y = 6$
   $5x - 2y = 37$

   (7, -1)

8. $x + 5y = 62$
   $6x - 5y = 22$

   (12, 10)

Systems_of_Equations - Medium (16 problems) - Answer Key

9. $x + 2y = 22$
   $6x - 4y = 20$

   (8, 7)

10. $6x + y = 21$
    $2x - 4y = -32$

    (2, 9)

11. $3x + 3y = 3$
    $5x - 5y = 85$

    (9, -8)

12. $4x + 5y = 50$
    $6x - 5y = 50$

    (10, 2)

13. $6x + 3y = -15$
    $x + 5y = 11$

    (-4, 3)

14. $3x + 5y = 20$
    $3x + 2y = -1$

    (-5, 7)

15. $x + y = 3$
    $5x - 4y = -66$

    (-6, 9)

16. $4x + 5y = 49$
    $2x - 4y = 18$

    (11, 1)