Name: _____ Date: _____

Fresh Math

Systems Of Equations Using Elimination - Medium

Solve each system of equations using the elimination method.

1. $4x + 3y = 11$
   $2x + 6y = -8$

2. $4x + 3y = -6$
   $3x + 6y = -27$

3. $3x + y = 4$
   $2x + 2y = 0$

4. $2x + 2y = -14$
   $2x + 6y = -18$

5. $x + y = -8$
   $3x - 3y = 12$

6. $4x + 3y = 0$
   $3x + 6y = 0$

7. $3x + 2y = -10$
   $4x - 6y = 4$

8. $3x + y = -3$
   $3x - 3y = -15$

9. $4x + 3y = -2$
   $3x - 6y = 48$

10. $3x + 2y = 3$
    $4x - 6y = 30$

Name: _____ Date: _____

Systems Of Equations Using Elimination - Medium

Solve each system of equations using the elimination method.

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

12. $2x + y = 0$
    $3x + 3y = -9$

13. $2x + y = 3$
    $2x - 3y = -9$

14. $2x + 3y = 6$
    $2x + 6y = 12$

15. $x + 2y = 5$
    $4x + 4y = 4$

16. $2x + 2y = 0$
    $2x + 4y = -2$

Systems Of Equations Using Elimination - Medium - Answer Key

1. $4x + 3y = 11$
   $2x + 6y = -8$
   (5, -3)

2. $4x + 3y = -6$
   $3x + 6y = -27$
   (3, -6)

3. $3x + y = 4$
   $2x + 2y = 0$
   (2, -2)

4. $2x + 2y = -14$
   $2x + 6y = -18$
   (-6, -1)

5. $x + y = -8$
   $3x - 3y = 12$
   (-2, -6)

6. $4x + 3y = 0$
   $3x + 6y = 0$
   (0, 0)

7. $3x + 2y = -10$
   $4x - 6y = 4$
   (-2, -2)

8. $3x + y = -3$
   $3x - 3y = -15$
   (-2, 3)

9. $4x + 3y = -2$
   $3x - 6y = 48$
   (4, -6)

10. $3x + 2y = 3$
    $4x - 6y = 30$
    (3, -3)

Systems Of Equations Using Elimination - Medium - Answer Key

11. $4x + 3y = -18$
    $3x - 6y = 3$
    $(-3, -2)$

12. $2x + y = 0$
    $3x + 3y = -9$
    $(3, -6)$

13. $2x + y = 3$
    $2x - 3y = -9$
    $(0, 3)$

14. $2x + 3y = 6$
    $2x + 6y = 12$
    $(0, 2)$

15. $x + 2y = 5$
    $4x + 4y = 4$
    $(-3, 4)$

16. $2x + 2y = 0$
    $2x + 4y = -2$
    $(1, -1)$