Name: _____ Date: _____

Fresh Math

Solving Multi Step Equations - Medium

Solve each multi-step equation for the variable.

1. $2x + 4x - 3 = -9$
2. $2(x - 1) = 14$
3. $4(x - 3) = -40$
4. $4(x - 3) = 20$
5. $3x + 4x + 9 = 51$
6. $3(x - 1) = -3$
7. $3(x + 3) = 3$
8. $4x + x - 3 = -33$
9. $3(x + 5) = 15$
10. $3(x + 2) = -12$

Name: _____ Date: _____

Fresh Math

Solving Multi Step Equations - Medium

Solve each multi-step equation for the variable.

11. $3x + 2x + 6 = -9$

12. $4(x - 2) = 8$

13. $3(x + 1) = -15$

14. $3(x + 4) = 18$

15. $3(x - 3) = 3$

16. $3x = -21$

17. $5x + 2x - 9 = -44$

18. $3(x + 3) = 24$

19. $3(x - 4) = -12$

20. $4x + x - 2 = 28$

Solving Multi Step Equations - Medium - Answer Key

1. $2x + 4x - 3 = -9$
   $x = -1$

2. $2(x - 1) = 14$
   $x = 8$

3. $4(x - 3) = -40$
   $x = -7$

4. $4(x - 3) = 20$
   $x = 8$

5. $3x + 4x + 9 = 51$
   $x = 6$

6. $3(x - 1) = -3$
   $x = 0$

7. $3(x + 3) = 3$
   $x = -2$

8. $4x + x - 3 = -33$
   $x = -6$

9. $3(x + 5) = 15$
   $x = 0$

10. $3(x + 2) = -12$
    $x = -6$

Solving Multi Step Equations - Medium - Answer Key

11. $3x + 2x + 6 = -9$
    $x = -3$

12. $4(x - 2) = 8$
    $x = 4$

13. $3(x + 1) = -15$
    $x = -6$

14. $3(x + 4) = 18$
    $x = 2$

15. $3(x - 3) = 3$
    $x = 4$

16. $3x = -21$
    $x = -7$

17. $5x + 2x - 9 = -44$
    $x = -5$

18. $3(x + 3) = 24$
    $x = 5$

19. $3(x - 4) = -12$
    $x = 0$

20. $4x + x - 2 = 28$
    $x = 6$