Name: _____ Date: _____

Fresh Math

Solving Multi Step Equations - Medium

Solve each multi-step equation for the variable.

1. $3(x - 4) = -6$
2. $4(x - 2) = 20$
3. $4x + 2x + 4 = -44$
4. $5x + x - 5 = 31$
5. $3x = 12$
6. $3(x - 5) = -18$
7. $5x + 4x - 1 = -37$
8. $3(x - 5) = 9$
9. $3(x - 5) = -9$
10. $4x + 3x - 7 = 49$

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Solving Multi Step Equations - Medium

Solve each multi-step equation for the variable.

11. $4(x + 3) = -12$

12. $2(x + 1) = 6$

13. $4x + x + 9 = 9$

14. $4(x + 4) = 8$

15. $2x + x - 1 = 23$

16. $3x + 4x - 3 = -3$

17. $2x + 4x + 8 = 38$

18. $5x + 2x + 5 = 19$

19. $4(x - 2) = 16$

20. $3x + 4x + 5 = 26$

Solving Multi Step Equations - Medium - Answer Key

1. $3(x - 4) = -6$
   $x = 2$

2. $4(x - 2) = 20$
   $x = 7$

3. $4x + 2x + 4 = -44$
   $x = -8$

4. $5x + x - 5 = 31$
   $x = 6$

5. $3x = 12$
   $x = 4$

6. $3(x - 5) = -18$
   $x = -1$

7. $5x + 4x - 1 = -37$
   $x = -4$

8. $3(x - 5) = 9$
   $x = 8$

9. $3(x - 5) = -9$
   $x = 2$

10. $4x + 3x - 7 = 49$
    $x = 8$

Solving Multi Step Equations - Medium - Answer Key

11. $4(x + 3) = -12$
    $x = -6$

12. $2(x + 1) = 6$
    $x = 2$

13. $4x + x + 9 = 9$
    $x = 0$

14. $4(x + 4) = 8$
    $x = -2$

15. $2x + x - 1 = 23$
    $x = 8$

16. $3x + 4x - 3 = -3$
    $x = 0$

17. $2x + 4x + 8 = 38$
    $x = 5$

18. $5x + 2x + 5 = 19$
    $x = 2$

19. $4(x - 2) = 16$
    $x = 6$

20. $3x + 4x + 5 = 26$
    $x = 3$