



Name: _____

Date: _____

Unit 2 – Solving Multi-Step Equations

Solve each two-step equation. Show your work.

1. $2x + 2 = 4$

2. $\frac{x}{3} - 1 = 1$

3. $2x - 4 = 2$

4. $\frac{x}{3} - 1 = 1$

5. $10x + 6 = 86$

6. $\frac{x}{2} + 6 = 8$

7. $9x - 9 = 36$

8. $8x + 10 = 18$

9. $9x - 8 = 64$

10. $7x - 2 = 54$



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Unit 2 – Solving Multi-Step Equations

Solve each two-step equation. Show your work.

11. $6x - 10 = 26$

12. $5x - 3 = 17$

13. $4x + 10 = 18$

14. $4x - 7 = 13$

15. $3x - 7 = 5$

16. $3x - 1 = 17$



Unit 2 – Solving Multi-Step Equations – Answer Key

1. $2x + 2 = 4$
 $x = 1$

2. $\frac{x}{3} - 1 = 1$
 $x = 6$

3. $2x - 4 = 2$
 $x = 3$

4. $\frac{x}{3} - 1 = 1$
 $x = 6$

5. $10x + 6 = 86$
 $x = 8$

6. $\frac{x}{2} + 6 = 8$
 $x = 4$

7. $9x - 9 = 36$
 $x = 5$

8. $8x + 10 = 18$
 $x = 1$

9. $9x - 8 = 64$
 $x = 8$

10. $7x - 2 = 54$
 $x = 8$



Unit 2 – Solving Multi-Step Equations – Answer Key

11. $6x - 10 = 26$

$x = 6$

12. $5x - 3 = 17$

$x = 4$

13. $4x + 10 = 18$

$x = 2$

14. $4x - 7 = 13$

$x = 5$

15. $3x - 7 = 5$

$x = 4$

16. $3x - 1 = 17$

$x = 6$