



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Solving Multi-Step Equations

Solve each two-step equation. Show your work.

1.  $3x + 5 = 65$

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

2.  $15x - 13 = 62$

7.  $2x + 11 = 21$

3.  $14x + 10 = 178$

8.  $14x + 8 = 246$

4.  $3x + 20 = 56$

9.  $8x - 7 = 105$

5.  $15x + 7 = 97$

10.  $11x + 1 = 155$



# Solving Multi-Step Equations – Answer Key

1.  $3x + 5 = 65$

$x = 20$

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

$x = 16$

2.  $15x - 13 = 62$

$x = 5$

7.  $2x + 11 = 21$

$x = 5$

3.  $14x + 10 = 178$

$x = 12$

8.  $14x + 8 = 246$

$x = 17$

4.  $3x + 20 = 56$

$x = 12$

9.  $8x - 7 = 105$

$x = 14$

5.  $15x + 7 = 97$

$x = 6$

10.  $11x + 1 = 155$

$x = 14$