

## Linear Equations 2

### Solving Two-Step Equations

To solve a two-step equation:

- 1) isolate the variable
- 2) undo the operation (apply the inverse)
- 3) check/verify your solution

#### Example 1 - Involving Multiplication

Solve each of the following:

a)  $6x + 6 = 12$

b)  $-11 = -2r - 7$

c)  $-2n - (-3) = 17$

**Example 2 - Involving Division**

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Solve each of the following:

a)  $\frac{p}{2} - 1 = 18$

b)  $\frac{-x}{12} - 6 = 4$

c)  $9 = 7 + \frac{x}{-4}$



Complete the following:

**Practice - Linear Equations 2A (odd)**

**Practice - Linear Equations 2B (odds)**

Check your solutions using the key provided.