

## **Math 8: Unit 10**

### 10.2 and 10.3 Two Step Equations

To solve an equation, isolate the variable on one side of the equal sign. (get the letter by itself)

But How?

When undoing the operation performed on the variable, follow the reverse order of operations:

Add and/or subtract

THEN

Multiply and/or divide

\*backwards from BEDMAS

Let's Try!

a)  $4 + 26g = -48$

b)  $-3x + 7 = 19$

Cali borrowed \$19 from her brother. The next day, she paid back \$3. To pay off the rest of the debt, she will give him \$4/week. How many weeks will it take her to pay off the debt?

Solve

$$2x - 4 = 8$$

Check: