

Chapter 2-1

SWBAT: Determine if an equation is True or false and whether a given number is a solution to an open equation

Equation: is a math operation with Equal sign.

$$2 + 4 = 6$$

Solution. the answer.

Open Equation - contains one or more variables

a solution replaces the variable to make the open equation TRUE.

$$6x = -3 + 5x$$

FIND x to make
solution true.

Plug in different
values for x

$$170 + x = 200$$

$$x = 30$$

makes this a True
statement.

$$9 - y = 10$$

$$y = -1$$

$$x = -3$$

$$6(-3) = -3 + 5(-3)$$

$$-18 = -3 + -15$$

$$-18 = -18$$

TRUE

