

# Algebra 2

Unit 1 Lesson 2

Name:

Date:

Period: 1 2 3 4 5 6

Standards: 5.0

Holt: 1.2

Objective:

Warm Up

Equation

Solution set of an equation

Linear equation in one variable

Example 1

Method 1

Method 2

*Check it out!* Example 2

A

B

*Check it out!* Example 2b

Variables on both sides of the equations

1.

2.

3.

Example 3

*Check it out!* Example 3

identity	
contradiction	

Example 4A

Example 4B

Inequality	
If you <b>multiply</b> both sides of an inequality by the same _____ quantity and _____ the inequality symbol, the inequality will still be true	$4 < 6$
If you <b>divide</b> both sides of an inequality by the same _____ quantity and _____ the inequality symbol, the inequality will still be true	$4 < 6$

Example 5

*Check it out!* Example 5