

# Algebra 2

Unit 1 Lesson 4

Name:

Date:

Period: 1 2 3 4 5 6

Standards: 5.0

Holt: 2.8 Solving Absolute Equations and Inequalities

Objective:

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Warm Up

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Compound Statement	
disjunction	
conjunction	

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Example 1A

Example 1B

Example 1C

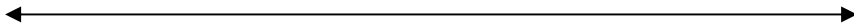
*Check it out!* Example 1a

Absolute Values	Numbers

Example 2A

The solutions of  are the points that are less than 3 units from zero. The solution is a conjunction:

**Think:**



Example 2B

The solutions of  are the points that are more than 3 units from zero. The solution is a disjunction:

**Think:**



Absolute -Value Equations and Inequalities		

Example 3A

Example 3B

*Check it out!* Example 3a

*Check it out!* Example 3b