

SECTION 1.4: SOLVING ABSOLUTE VALUE EQUATIONS

Homework: _____

Learning Targets:

- 4a. Understanding of how solve absolute value equations

Absolute Value: The _____ a number is from _____

Simplify each expression.

$$|-2|$$

$$|5 - 3|$$

$$-|5|$$

$$2 - |9|$$

Solving Absolute Value Equations

$$|x| = 3$$

$$|x| = -5$$

Step 1: Get the A.V. alone

Step 2: Determine if it is possible

Step 3: Break down into the 2 equations

Step 4: Solve each equation