

# Study Guide

Absolute Value Solve  
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## **Absolute Value: Solve**

The absolute value of a real number is the distance the real number  $x$  is from 0 on a number line. The absolute value of a real number is denoted by placing the real number within two vertical lines:  $|x|$ . In other words,  $|-5|$  ("the absolute value of -5") is 5 because -5 is 5 units from 0 on a number line.

There are two major principles of absolute value:

