

Absolute Value

The **absolute value** of x , denoted $|x|$, describes the distance of x from zero on a number line.

Absolute Value Equation

An **absolute value equation** in the form $|u| = c$, $c > 0$, can be solved by rewriting the equation without absolute value bars: $u = c$ or $u = -c$.

Example 4: Solve each absolute value equation or indicate that the equation has no solution.

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