Absolute Value Functions

This section is an exploration of the absolute value function; specifically how and why they are used and their mechanics.

By the end of this section students should be able to:

- Identify an absolute value in expressions and equations

- Correctly introduce absolute values when they are needed during work.

- Solve absolute values both analytically and geometrically.

- Translate appropriate phrases into absolute value expressions, or vice versa.

In this section we aim to answer the following questions

- When and why do we need absolute values?

- How do absolute values and piece-wise functions relate to one another?

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Learning outcomes: