## Lesson 14: Absolute Value Meaning

* Let’s investigate absolute values.

### 14.1: Math Talk: Closest to Zero

For each pair of values, decide mentally which one has a value that is closer to 0.

or

or

-0.001 or 0.0001

1.3 or

### 14.2: What is Absolute Value?

1. One of the lowest places in Europe is 23 feet below sea level. We can use “-23 feet” to describe its elevation, and “ feet” to describe its vertical distance from sea level. In the context of elevation, what would each of the following numbers describe?
   1. 37 feet
   2. feet
   3. -6 feet
   4. feet
2. Water freezes at 0 degrees Celsius. For each pair of temperatures, which temperature is closest to the freezing point of water? Use absolute value to explain your reasoning.
   1. or
   2. or
   3. or

### 14.3: Absolute Value Expressions

Find the value of these expressions.



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