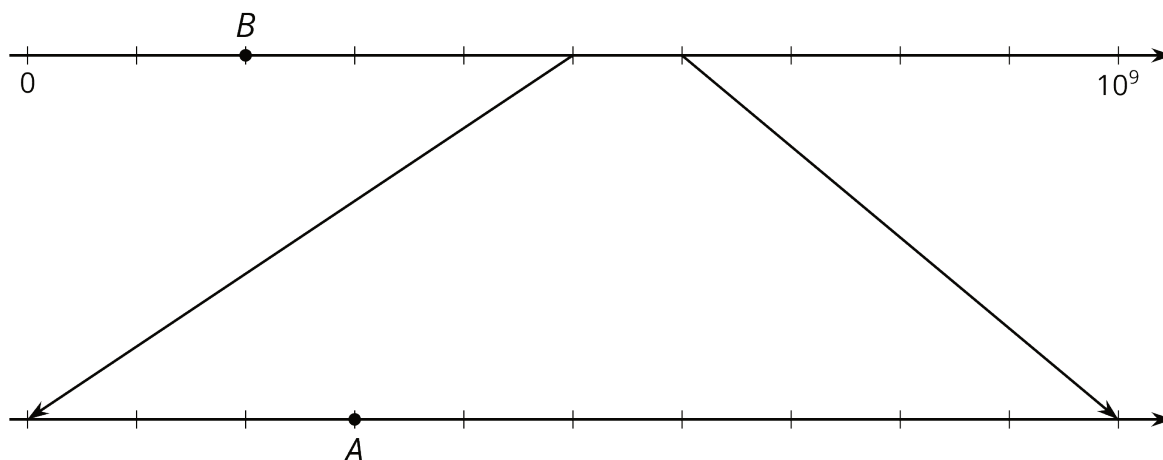# Lesson 10: Representing Large Numbers on the Number Line

Cool Down: Describe the Point

We described numbers in this lesson using both powers of 10 and using standard decimal value. For example, the speed of light through ice can be written as a multiple of a power of 10, such as $(2.3) \cdot 10^8$ meters per second, or as a value, such as 230,000,000 meters per second. Use the number line to answer questions about points A and B.

1. Describe point B as:

   a. A multiple of a power of 10

   b. A value

2. Describe point A as:

   a. A multiple of a power of 10

   b. A value

3. Plot a point C that is greater than B and less than A. Describe point C as:

   a. A multiple of a power of 10

   b. A value