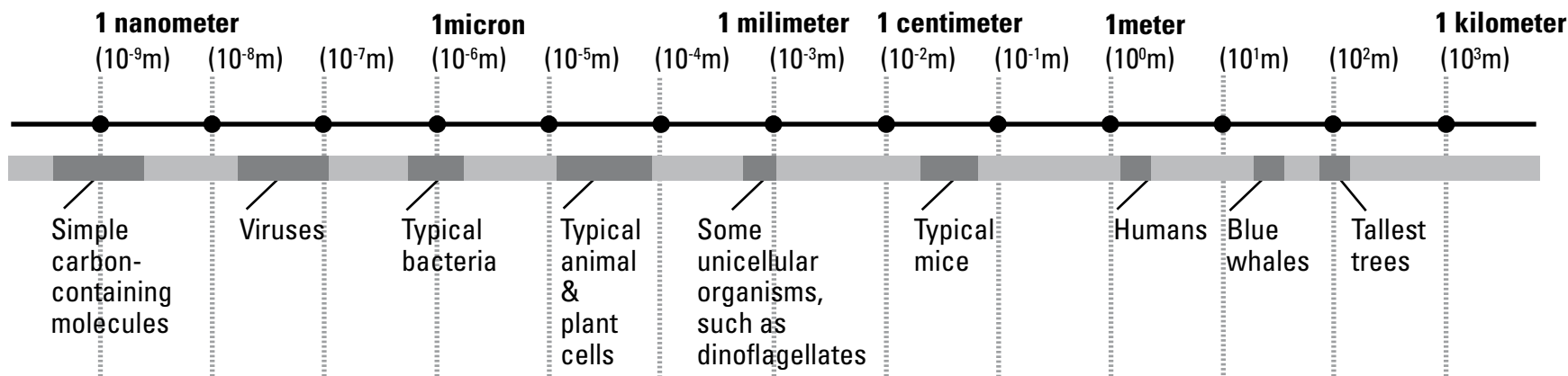


# The Size of Things

Viruses are so small that scientists use electron microscopes to see them.

1. Study the number line to help you understand the size differences between viruses, cells, and larger organisms.
2. Then choose common objects to represent two organisms, and write two size-comparison analogies.



## Analogy:

	Item #1 from number line	Approximate size	Common object representing item #1	Item #2 from number line	Approximate size	Size difference between items 1 and 2	Common object representing item #2
1.	Virus	10 <sup>-7</sup>	Paper clip (about 3 cm)	Cell	10 <sup>-5</sup>	10 <sup>2</sup> or 100	Room height (about 300 cm)
2.							
3.							

## Write your analogy in sentence form.

1. A virus is to a paper clip as a cell is to the height of a room.  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_

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