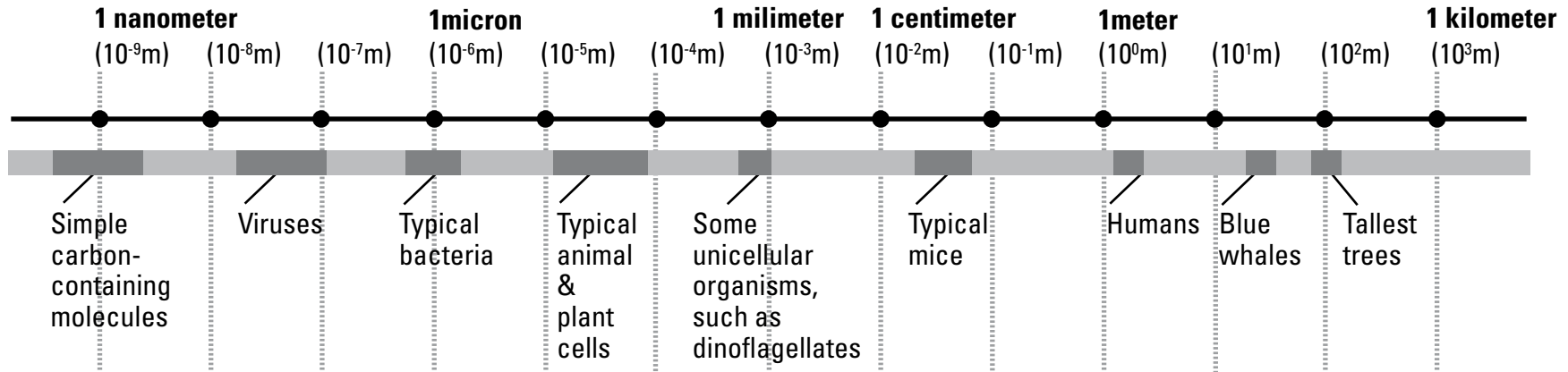


The Size of Things

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 ⁻⁷	Paper clip (about 3 cm)	Cell	10 ⁻⁵	10 ² 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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NOVA and NOVA scienceNOW are produced by the WGBH Boston Science Unit. Major funding for NOVA is provided by Google and BP. Additional funding is provided by the Corporation for Public Broadcasting and public television viewers. Major funding for NOVA scienceNOW is provided by the National Science Foundation and the Howard Hughes Medical Institute with additional funding provided by Alfred P. Sloan Foundation and The Kavli Foundation. NOVA scienceNOW is closed captioned and described for viewers who are hearing or visually impaired by the Media Access Group at WGBH. This material is based upon work supported by the National Science Foundation under Grant No. 0229297. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.