

## Chapter 12

Use with Section 3

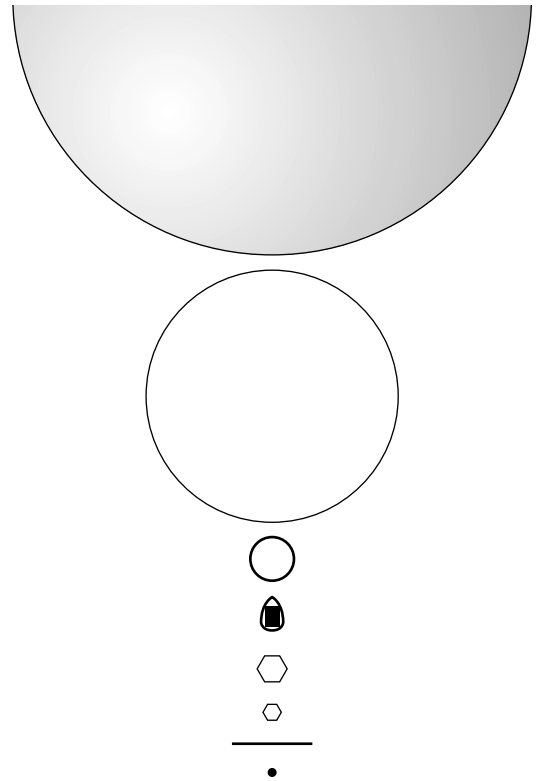
## ENRICHMENT

## ● Viruses

## The Size of Viruses

Study the graph below. It shows the sizes of viruses, bacteria, and other structures. The largest is a red blood cell. The rest are important because they cause illness.

Cells	Largest Diameter (in $\mu\text{m}$ )
Red blood cells	7500
Bacteria <i>Streptococcus</i>	750
Herpes simplex virus	130
Rabies virus	125
Flu virus	85
Polio virus	27
Virus that affects plants	15
Red blood cell molecule	15



After studying the graph, answer the following questions.

- About how large is a red blood cell? \_\_\_\_\_
- How large are the smallest viruses that affect plants? \_\_\_\_\_
- What is the smallest thing shown on the graph? \_\_\_\_\_
- The smallest viruses attack what kinds of organisms? \_\_\_\_\_
- How do the rabies virus and the polio virus compare in size? \_\_\_\_\_  
\_\_\_\_\_
- How large is the *Streptococcus* bacteria? \_\_\_\_\_
- How large are human red blood cells? \_\_\_\_\_  
Red blood cell molecules? \_\_\_\_\_
- In general, which are larger, viruses or bacteria? \_\_\_\_\_