

# 10 Chemical Quantities



## THE MOLE AND QUANTIFYING MATTER

### 10.1 The Mole: A Measurement of Matter



For students using the Foundation edition, assign problems 1–15.

#### Essential Understanding

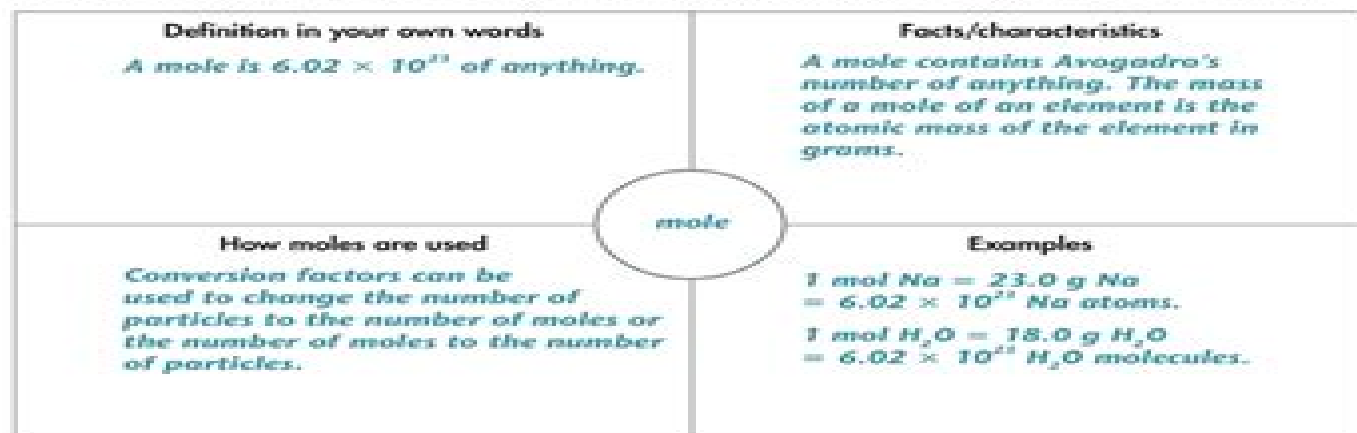
The mole represents a large number of very small particles.



#### Reading Strategy

**Frayer Model** The Frayer Model is a vocabulary development tool. The center of the diagram shows the concept being defined, while the quadrants around the concept are used for providing the details. Use this model when you want to understand a vocabulary term in more detail.

As you read Lesson 10.1, use the Frayer Model below. Complete the diagram for the term *mole*.



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**M Mark**



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