# **Chemical Quantities**



#### THE MOLE AND QUANTIFYING MATTER

## 10.1 The Mole: A Measurement of Matter

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.

Definition in your own words	Facts/characteristics - 6.02x10 <sup>23</sup>
a specified number of particles.	<ul> <li>SI unit for measuring the amount of a substance</li> </ul>
How moles are used	Examples
measuring atoms, molecules, etc.	6.02x10 <sup>23</sup> iron atoms/particles

# **Chapter 10 Chemical Quantities Guided Reading Study Workbook**

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