

Introduction to Chemistry

Section 2 Chemistry and Matter

Main Idea

Details

Skim Section 2 of your text. Write four facts that come to mind from reading the headings, boldfaced words, and the illustration captions.

1. _____
2. _____
3. _____
4. _____

New Vocabulary

Use your text to define each term.

mass

weight

model

Section 2 Chemistry and Matter (continued)

Main Idea

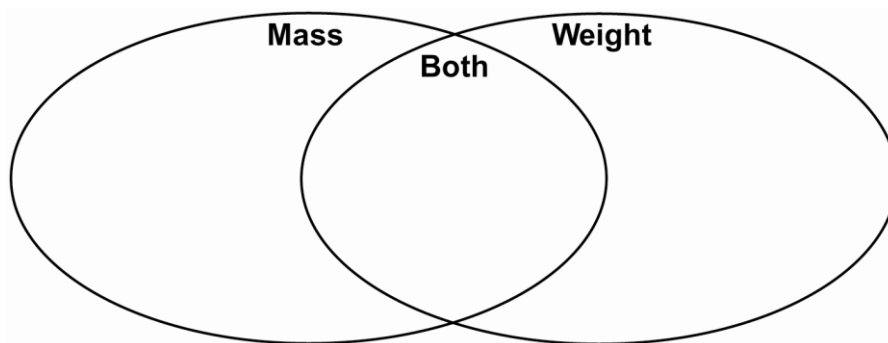
Matter and its Characteristics

Use with pages 9–10.

Details

Compare and contrast *mass and weight* using the Venn diagram below.

- does not reflect gravitational pull on matter
- a measure of the effect of gravitational pull on matter
- a measurement that reflects the amount of matter in an object



Chemistry: The Central Science

Use with page 11.

Identify *six substances mentioned in the book that are important in everyday life and are made of chemicals.*

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Section 2 Chemistry and Matter (continued)

Main Idea

Details

Organize *the following terms by arranging them from largest to smallest.*

macroscopic, submicroscopic, microscopic

Explain *a chemical model by completing the following sentences.*

The _____, composition, and _____ of all matter can be explained on a _____ level. All that we observe depends on _____ and the _____ they undergo.

_____ seeks to explain the submicroscopic events that lead to _____. One way to do this is by making a chemical model, which is a _____ of a _____.

REAL-WORLD CONNECTION

Analyze the importance of chemistry in our society using the branches of chemistry as examples.
