

Chapter 14

Use with Section 2

REINFORCEMENT

● Elements: The Building Blocks of Matter

Part A

The square below represents one element from the periodic table. Identify and describe the numbered items. Then answer the questions below.

2	2.
He	1.
Helium	
4.00	3.

- _____
- _____
- _____
- What is the atom's mass number? _____
- What are isotopes? _____

Part B

Complete the table by writing in the appropriate characteristics for metals, metalloids, and nonmetals.

Characteristics	Metals	Metalloids	Nonmetals
State of matter at room temperature			
Shininess			
Conductor of heat or electricity			
Malleability			
Ductile			
Location on periodic table			