

Target Your Reading

The Periodic Table and Physical Properties

CHAPTER 7

Use this to focus on the main ideas as you read the chapter.

- Before you read** the chapter, respond to the statements below on your worksheet or on a numbered sheet of paper.
 - Write an **A** if you **agree** with the statement.
 - Write a **D** if you **disagree** with the statement.
- After you read** the chapter, look back to this page to see if you've changed your mind about any of the statements.
 - If any of your answers changed, explain why.
 - Change any false statements into true statements.
 - Use your revised statements as a study guide.

Before You Read A or D	Statement	After You Read A or D
	1. The elements are arranged on the periodic table according to their atomic numbers and mass numbers.	
	2. The elements in a group have similar properties.	
	3. Metals are located on the right side of the periodic table.	
	4. Not all isotopes are radioactive.	
	5. Radioactive elements have unstable nuclei.	
	6. An element's mass number is the number of neutrons in its nucleus.	
	7. <i>Transmutation</i> is another word for <i>half-life</i> .	
	8. Melting and boiling points change with pressure.	
	9. Thermal conductivity occurs because particles collide with one another.	
	10. Density is a physical property that depends on the size of a sample.	