

# Target Your Reading

## Chemical Reactions

### CHAPTER 8

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. In physical and chemical changes, the identity of a substance changes.	
	2. The boiling of water is a physical change.	
	3. Physical and chemical changes are not reversible.	
	4. A molecule contains two or more atoms bonded together.	
	5. In chemical reactions, atoms rearrange to form one or more new substances.	
	6. To balance a chemical equation, it may be necessary to add coefficients and subscripts.	
	7. A chemical equation must have the same number and kinds of atoms in the reactions and products.	
	8. Energy is always released in a chemical reaction.	
	9. In an exothermic reaction, the products have less energy than the reactants.	
	10. The energy released in a chemical reaction is always in the form of heat.	