

Reading Tip

Reread your summary to make sure you didn't change the author's original meaning or ideas.

Target Your Reading

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

- 1 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.
- 2 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 Distance traveled and displacement are always equal. | |
| | 2 When an object changes direction, it is accelerating. | |
| | 3 A horizontal line on a distance-time graph means the speed is zero. | |
| | 4 If two objects are moving at the same speed, the heavier object is harder to stop. | |
| | 5 The instantaneous speed of an object is always equal to its average speed. | |
| | 6 Momentum equals mass divided by velocity. | |
| | 7 Speed always is measured in kilometers per hour. | |
| | 8 An object's momentum increases if its speed increases. | |
| | 9 If a car is accelerating, its speed must be increasing. | |
| | 10 Speed and velocity are the same thing. | |