

Target Your Reading

Motion

CHAPTER 1

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. Giving a starting point isn't important when giving directions.	
	2. Some measurements have both size and direction.	
	3. If an object is not moving, all observers will give the same directions to the object.	
	4. Speed and velocity mean the same thing.	
	5. An object is accelerating only if its speed is changing.	
	6. Average speed is total time divided by total distance.	
	7. Speed is always measured in miles per hour.	
	8. The slope of a line on a position-time graph is the acceleration of an object.	
	9. If a line plotted on a graph is horizontal, the line's slope is zero.	
	10. A straight line on a position-time graph means the speed of the object is not changing.	