

## Reading Tip

As you read, keep track of questions you answer in the chapter. This will help you remember what you read.

### 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
	<b>1</b> Friction is caused by atoms or molecules of one object bonding to atoms or molecules in another object.	
	<b>2</b> Power measures how fast work is done.	
	<b>3</b> The fulcrum of a lever is always between the input force and the output force.	
	<b>4</b> Efficiency is the ratio of output work to input work.	
	<b>5</b> When you do work on an object, you transfer energy to the object.	
	<b>6</b> A car is a combination of simple machines.	
	<b>7</b> A wedge and a screw are both types of inclined planes.	
	<b>8</b> Work is done anytime a force is applied.	
	<b>9</b> Mechanical advantage can never be less than 1.	