

## Reading Tip

As you preview the chapter, be sure to scan the illustrations, tables, and graphs. Skim the captions.

### 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> A scientific theory is proposed before any investigations occur.	
	<b>2</b> A scientific theory can eventually become a scientific law.	
	<b>3</b> Technology is the practical use of science.	
	<b>4</b> If a hypothesis is not supported by an investigation, the investigation is a waste of time.	
	<b>5</b> Scientists can never know for sure whether an explanation is accurate, even after many investigations.	
	<b>6</b> It is helpful to make changes to more than one variable during an experiment.	
	<b>7</b> Models are only as accurate as the information used to create them.	
	<b>8</b> Scientific data are reliable as long as they are observed at least one time.	
	<b>9</b> Scientific conclusions are more reliable when other conclusions are ruled out.	