

# Target Your Reading Earthquakes

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. Earthquakes are waves of energy that travel across Earth's surface.	
	2. Tsunamis are huge tidal waves.	
	3. Most earthquakes occur in the middle of lithospheric plates.	
	4. Seismic waves are produced at the focus of an earthquake.	
	5. A magnitude-4 earthquake releases about twice as much energy as a magnitude-3 earthquake.	
	6. Some parts of the United States are at higher risk for earthquakes than others.	
	7. Secondary waves are the fastest seismic waves.	
	8. The San Andreas Fault is a fault zone.	
	9. Fire and landslides are major earthquake hazards.	
	10. Scientists describe the energy released by an earthquake using intensity values.	