

## Reading Tip

Forming your own mental images 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> Approximately 50 percent of Earth's surface is covered by ocean water.	
	<b>2</b> Ocean water contains dissolved gases and salts.	
	<b>3</b> Salinity is a measure of the amount of gases dissolved in seawater.	
	<b>4</b> Surface currents are powered by gravity.	
	<b>5</b> Upwelling is a vertical circulation in the ocean that brings deep, cold water to the ocean surface.	
	<b>6</b> Deep in the ocean, waters circulate because of density differences.	
	<b>7</b> Density currents circulate water rapidly.	
	<b>8</b> Wavelength is the vertical distance between the crest and the trough of a wave.	
	<b>9</b> A tide is caused by a giant wave produced by the gravitational pull of the Sun and the Moon.	
	<b>10</b> As Earth rotates, different locations on its surface pass through high and low tide.	