

# Target Your Reading

## Density and Buoyancy

CHAPTER 3

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. Density is calculated by dividing volume by mass.	
	2. Air pressure increases as you climb a mountain.	
	3. Things can float only in liquids such as water.	
	4. All fluids are liquids.	
	5. You calculate the volume of all solids by multiplying length times width times height.	
	6. Heavy things sink when placed in water.	
	7. Compared to liquids, particles in gases are very close together.	
	8. Only solid objects can exert forces.	
	9. Hot-air balloons can fly because they are less dense than air.	
	10. Air pressure only pushes down on you.	