

Key Concept Builder **LESSON 1****Solids, Liquids, and Gases****Key Concept** How do particles move in solids, liquids, and gases?**Directions:** Put a check mark in the column that describes each statement. More than one column may be checked.

Statement	Solid	Liquid	Gas
1. Its matter has a definite volume but no definite shape.			
2. The particles move randomly in all directions and at different speeds.			
3. The particles in the matter are close together and vibrate back and forth.			
4. Its matter has a definite shape and a definite volume.			
5. The distance between the particles is so great there is little or no attraction between them.			
6. The particles move in straight lines until they collide with something.			
7. The particles are farther apart than in a solid and can move freely and slide past each other.			
8. The speed and direction of the particles are changed by collisions.			
9. Its matter has no definite volume and no definite shape.			