

Solids, Liquids, and Gases ▪ *Guided Reading and Study***States of Matter**

3. Why do solids have a definite shape and a definite volume?

4. Complete the table about types of solids.

Solids			
Type of Solid	Description	Examples	Melting Temperature
a.	Made up of crystals	b.	Specific
c.	Particles not arranged in a regular pattern	d.	Not distinct

5. Circle the letter of each sentence that is true about particles in a solid.

- a. They are completely motionless.
- b. They stay in about the same position.
- c. They vibrate back and forth.
- d. They move around one another freely.

Liquids

6. Which state of matter has no definite shape but does have a definite volume? _____

7. Is the following sentence true or false? A liquid's volume does not change no matter what shape its container has.

8. A substance that flows is called a(n) _____.