

States of Matter Quiz

Science · Answer Key · 10 Questions

1. Which state of matter has a definite shape and volume?

- A) Solid**
- B) Liquid
- C) Gas
- D) Plasma

2. Which state of matter takes the shape of its container and has a definite volume?

- A) Solid
- B) Liquid**
- C) Gas
- D) Plasma

3. Which state of matter takes the shape and volume of its container?

- A) Solid
- B) Liquid
- C) Gas**
- D) Plasma

4. What is the process of a solid changing directly into a gas called?

- A) Melting
- B) Boiling
- C) Sublimation**
- D) Condensation

5. What is the process of a liquid changing into a gas called?

- A) Melting
- B) Freezing
- C) Boiling**
- D) Sublimation

6. What is the process of a gas changing into a liquid called?

- A) Melting
- B) Freezing
- C) Boiling
- D) Condensation**

7. What is the process of a liquid changing into a solid called?

- A) Melting
- B) Freezing**
- C) Boiling
- D) Condensation

8. What is the process of a solid changing into a liquid called?

- A) Melting**
- B) Freezing
- C) Boiling
- D) Condensation

9. Plasma is often described as what?

- A) Superheated gas**
- B) Frozen solid
- C) Dense liquid
- D) Regular gas

10. Water in its solid state is called?

- A) Steam
- B) Ice**
- C) Water Vapor
- D) Dew