

Amazing Chemistry Facts for Young Minds

Chemistry · Answer Key · 10 Questions

1. What is the smallest building block of matter?

- A) A molecule
- B) An atom**
- C) A cell
- D) A planet

2. Which of these is a common gas in the air we breathe, often represented by the symbol O?

- A) Hydrogen
- B) Carbon Dioxide
- C) Oxygen**
- D) Nitrogen

3. What is the chemical symbol for water?

- A) CO₂
- B) H₂O**
- C) NaCl
- D) O₂

4. Matter that has a definite shape and a definite volume is called a:

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

5. Which element is shiny, a good conductor of electricity, and is often found in coins?

- A) Oxygen
- B) Gold**
- C) Carbon
- D) Helium

6. When a liquid turns into a gas, this process is called:

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

7. What do we call a substance that is made up of only one kind of atom?

- A) A compound
- B) A mixture
- C) An element**
- D) A solution

8. Which of these is an example of a liquid at room temperature?

- A) Ice
- B) Steam
- C) Milk**
- D) A rock

9. What is the common name for the element with the symbol C?

- A) Calcium
- B) Carbon**
- C) Chlorine
- D) Copper

10. What happens to a solid when it gets warmer and turns into a liquid?

- A) It freezes
- B) It boils
- C) It melts**
- D) It evaporates