

# Essential Chemistry Basics

Chemistry · Practice Test · 17 Questions

---

## 1. What is the chemical symbol for Gold?

- A) Ag
- B) Au
- C) Fe
- D) Pb

## 2. Which common substance has the chemical formula H<sub>2</sub>O?

- A) Salt
- B) Vinegar
- C) Water
- D) Sugar

## 3. What is the center of an atom called?

- A) Electron
- B) Orbit
- C) Nucleus
- D) Shell

## 4. Which gas do humans breathe out as a waste product?

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

## 5. What is the pH level of pure water?

- A) 1
- B) 7
- C) 10
- D) 14

## 6. Which particle in an atom has a negative charge?

- A) Proton
- B) Neutron
- C) Electron
- D) Nucleus

**7. What is the most abundant gas in Earth's atmosphere?**

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen
- D) Argon

**8. What is the common name for Sodium Chloride?**

- A) Baking Soda
- B) Table Salt
- C) Epsom Salt
- D) Bleach

**9. Which element is known as the 'building block of life'?**

- A) Iron
- B) Calcium
- C) Carbon
- D) Gold

**10. Which metal is liquid at room temperature?**

- A) Silver
- B) Iron
- C) Mercury
- D) Copper

**11. What is the chemical symbol for Oxygen?**

- A) Ox
- B) O
- C) O2
- D) On

**12. What is the lightest chemical element?**

- A) Helium
- B) Hydrogen
- C) Lithium
- D) Oxygen

**13. At what temperature does water freeze in degrees Celsius?**

- A) -10°C
- B) 0°C
- C) 32°C
- D) 100°C

**14. What are the three main states of matter?**

- A) Solid, Liquid, Gas
- B) Hot, Cold, Warm
- C) Hard, Soft, Brittle
- D) Big, Small, Tiny

**15. Which gas is used to inflate balloons to make them float?**

- A) Oxygen
- B) Helium
- C) Nitrogen
- D) Carbon

**16. What is the chemical symbol for Iron?**

- A) Ir
- B) In
- C) Fe
- D) I

**17. What is the name of the table that lists all known elements?**

- A) Element List
- B) Chemical Chart
- C) Periodic Table
- D) Atomic Map