



CHEMISTRY TRIVIA

Questions to reveal if you belong in the lab

1. What is the chemical symbol for Gold?

- ☐ Ag
- ☐ Au
- ☐ Ga
- ☐ Go



2. What is the atomic number of Carbon?

- ☐ 6
- ☐ 12
- ☐ 14
- ☐ 16



3. What type of bond holds a salt, like NaCl, together?

- ☐ Ionic bond
- ☐ Covalent bond
- ☐ Hydrogen bond
- ☐ Van der Waals' forces



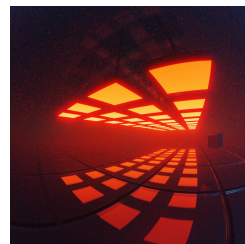
4. What is Avogadro's number?

- ☐ 6.02×10^{23}
- ☐ 3.14×10^{15}
- ☐ 6.626×10^{-34}
- ☐ 1.6×10^{-19}



5. What is the pH of a neutral solution at room temperature?

- ☐ 0
- ☐ 7
- ☐ 14
- ☐ 10



6. Which element is known as the 'king of chemicals'?

- ☐ Sodium
- ☐ Hydrogen
- ☐ Sulfur
- ☐ Nitrogen



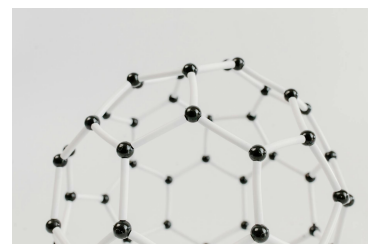
7. Which substance changes its color in acid and base?

- ☐ Lactose
- ☐ Cellulose
- ☐ Litmus
- ☐ Glucose



8. The atomic weight of an atom is determined by the sum of what particles?

- ☐ Protons
- ☐ Electrons
- ☐ Protons and electrons
- ☐ Protons and neutrons



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

- ☐ Oxygen
- ☐ Carbon dioxide
- ☐ Nitrogen
- ☐ Hydrogen



10. Which type of chemical reaction absorbs heat energy from its surroundings?

- ☐ Exothermic
- ☐ Endothermic
- ☐ Catalytic
- ☐ Photochemical

