

Young Scientist's Chemistry Quest

Chemistry · Practice Test · 12 Questions

1. What is the name of the gas that humans need to breathe in to survive?

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

2. Which state of matter has a definite shape and does not flow like water?

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

3. What happens when you mix baking soda and vinegar together?

- A) They turn into gold
- B) They create bubbles and gas
- C) Nothing happens
- D) They turn into a solid rock

4. Which metal is a liquid at room temperature?

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

5. What is the most common element found in the entire universe?

- A) Hydrogen
- B) Oxygen
- C) Iron
- D) Carbon

6. When water gets very cold and turns into ice, what is this change called?

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

7. What do we call a material that is made of only one type of atom?

- A) A mixture
- B) A molecule
- C) An element
- D) A compound

8. Which of these is a natural acid found in lemons?

- A) Citric acid
- B) Sulfuric acid
- C) Baking soda
- D) Salt

9. What is the chemical symbol for the element Gold?

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

10. Which gas do plants absorb from the air to help them grow?

- A) Oxygen
- B) Carbon dioxide
- C) Helium
- D) Argon

11. What happens to water when it is heated to 100 degrees Celsius?

- A) It freezes
- B) It turns into steam
- C) It turns into a solid
- D) It disappears

12. What is the main chemical that makes up a diamond?

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