

QUIZIZZ Worksheets**Quiz on Matter and Atoms**

Total questions: 10

Worksheet time: 5mins

Instructor name: Mr. Ahmed,Said Diab

Name Class Date

1. What is the fundamental building unit of the physical world?
 - a) Molecules
 - b) Atoms
 - c) Elements
 - d) Compounds
2. Which state of matter has a fixed shape and volume?
 - a) Plasmas
 - b) Gases
 - c) Liquids
 - d) Solids
3. What are the characteristics of matter that can be observed or measured without changing the chemical composition?
 - a) Physical Properties
 - b) Atomic Properties
 - c) Molecular Properties
 - d) Chemical Properties
4. What are the three main subatomic particles that make up an atom?
 - a) Protons, Neutrons, Electrons
 - b) Protons, Positrons, Electrons
 - c) Protons, Neutrons, Positrons
 - d) Photons, Neutrons, Electrons

5. Which type of bond is formed by the sharing of electrons between nonmetals?
- a) Covalent Bonds
 - b) Ionic Bonds
 - c) Metallic Bonds
 - d) Hydrogen Bonds
6. What is the number of protons in the nucleus of an atom called?
- a) Atomic Mass
 - b) Atomic Number
 - c) Electronic Configuration
 - d) Valency
7. What type of bond is formed between metals and nonmetals resulting in positively and negatively charged ions?
- a) Hydrogen Bonds
 - b) Ionic Bonds
 - c) Metallic Bonds
 - d) Covalent Bonds
8. Which type of matter has no fixed shape or volume and easily compressible?
- a) Gases
 - b) Solids
 - c) Liquids
 - d) Plasmas
9. What is the ability of matter to undergo a chemical change called?
- a) Physical Properties
 - b) Atomic Properties
 - c) Molecular Properties
 - d) Chemical Properties

10. What is the smallest building unit of an element that has the properties of that element?

- a) Molecule
- b) Particle
- c) Atom
- d) Compound