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

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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

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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

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