

**TEST NAME: 6.P.2.1 Credit Recovery**  
**TEST ID: 819934**  
**GRADE: 06 - Sixth Grade**  
**SUBJECT: Life and Physical Sciences**  
**TEST CATEGORY: School Assessment**

Student: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. **The separate atoms that make up a wooden table cannot be seen because the atoms are**

- A. too small.
- B. moving too fast.
- C. packed tightly together.
- D. hidden beneath the surface.

2. **What is the smallest part of a gold ring that is still gold?**

- A. an atom
- B. an electron
- C. a molecule
- D. a compound

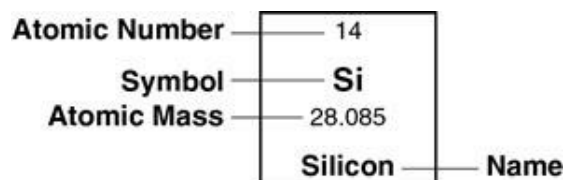
3. **The smallest particle of an element is**

- A. an atom.
- B. a mixture.
- C. a molecule.
- D. a compound.

4. **Which describes a property of all elements?**

- A. All elements are metals.
- B. All elements have six electrons.
- C. All elements are pure substances.
- D. All elements exist in the solid phase.

5. **A student sees the diagram shown in a textbook.**



**What does the symbol in the diagram represent?**

- A. a compound
- B. an element
- C. a molecule
- D. an isotope

6. **In order to determine if two atoms are copper (Cu) atoms, what must be the same for each?**

- A. the number of valence electrons
- B. the number of protons
- C. the charge of the atom
- D. the size of the atom

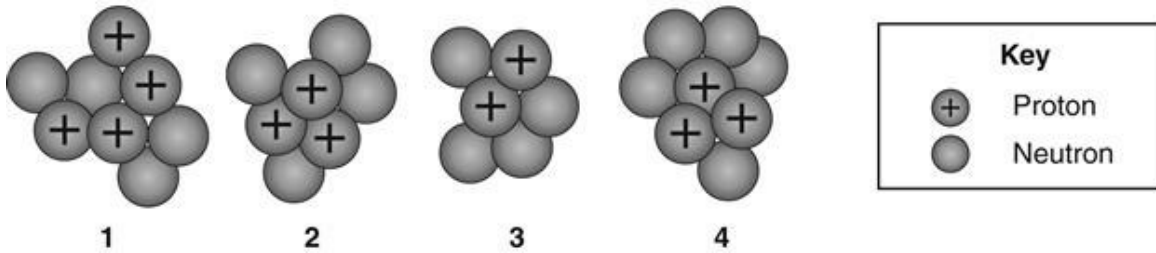
7. Which four elements make up most of the human body?

- A. oxygen, carbon, hydrogen, nitrogen
- B. silicon, calcium, oxygen, aluminum
- C. carbon, sodium, hydrogen, oxygen
- D. sulfur, phosphorous, calcium, nitrogen

8. Which statement is true about atoms?

- A. Atoms are made of molecules.
- B. Atoms have an electric charge.
- C. Atoms have the same weight.
- D. Atoms are seen by using special tools.

9. The diagram shows the nuclei of some elements.



Which are nuclei of the same element?

- A. 1 and 2
  - B. 1 and 3
  - C. 2 and 4
  - D. 3 and 4
10. What is the smallest particle of an element that still exhibits all the properties of that element?
- A. an electron
  - B. an atom
  - C. a molecule
  - D. a proton
11. Which list contains only objects made up of atoms?
- A. steel, water, sand, dolphin
  - B. light, rock, apple, squirrel
  - C. palm tree, electricity, salt, air
  - D. paper, vinegar, heat, helium

12. The diagram shows a pitcher with tea, ice, lemon, water, and mint.



**All the matter in the pitcher is made of which of these?**

- A. atoms in molecules
- B. human-made materials
- C. molecules in atoms
- D. single elements

13. **Aluminum is an element. Which of the following best describes the smallest particle of aluminum that retains all the properties of aluminum?**

- A. a molecule
- B. an atom
- C. a proton
- D. an electron