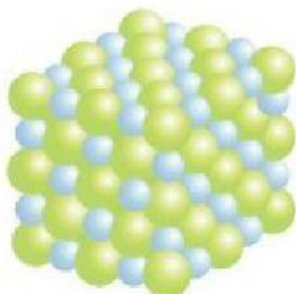


 Online Test Practice**Matter and Atoms**

1. Matter that has fixed composition is a _____.

[Need a Hint?](#)



- A. ☐ solid
 - B. ☐ mixture
 - C. ☐ solution
 - D. ☐ substance
-

2. Which of the following is a solution?

[Need a Hint?](#)

- A. ☐ chlorine
 - B. ☐ salt water
 - C. ☐ muddy water
 - D. ☐ milk
-

3. Which are combinations of substances that can be separated by physical processes?

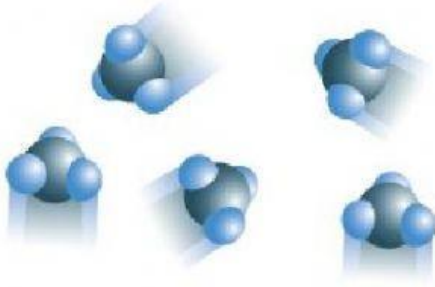
[Need a Hint?](#)

- A. ☐ mixtures
 - B. ☐ elements
 - C. ☐ compounds
 - D. ☐ atoms
-

4. A(n) _____ is made of two or more elements chemically combined

in fixed ratios.

[Need a Hint?](#)



- A. ☐ atom
 - B. ☐ solution
 - C. ☐ mixture
 - D. ☐ compound
-

5. What is an example of homogeneous mixtures?

[Need a Hint?](#)

- A. ☐ salad
 - B. ☐ powdered drink mix
 - C. ☐ vegetable soup
 - D. ☐ pecan ice cream
-

6. A mixture in which the substances are not mixed evenly is called _____.

[Need a Hint?](#)

- A. ☐ homogeneous
 - B. ☐ a solution
 - C. ☐ heterogeneous
 - D. ☐ precipitated
-

7. Which is the substance being dissolved in a solution?

[Need a Hint?](#)



- A. ☐ the solute
 - B. ☐ the solvent
 - C. ☐ the insolvent
 - D. ☐ the substrate
-

8. Which is a substance that cannot be broken down into simpler substances?

[Need a Hint?](#)

- A. ☐ a mixture
 - B. ☐ a metal
 - C. ☐ a compound
 - D. ☐ an element
-

9. A(n) _____ is a combination of chemical symbols indicating what elements are present in a molecule.

[Need a Hint?](#)

- A. ☐ subscript
 - B. ☐ superscript
 - C. ☐ chemical formula
 - D. ☐ chemical equation
-

10. What particle in an atom is electrically neutral?

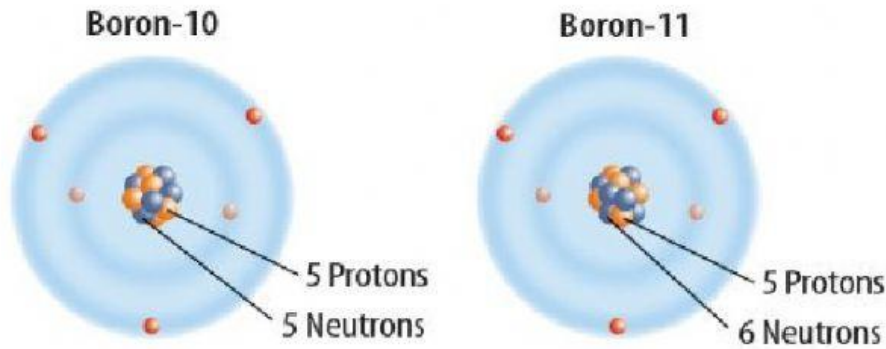
[Need a Hint?](#)

- A. ☐ alpha

- B. ☐ proton
 - C. ☐ neutron
 - D. ☐ electron
-

11. Atoms of the same element that have different numbers of neutrons are called _____.

[Need a Hint?](#)



- A. ☐ isotopes
 - B. ☐ protons
 - C. ☐ metals
 - D. ☐ ions
-

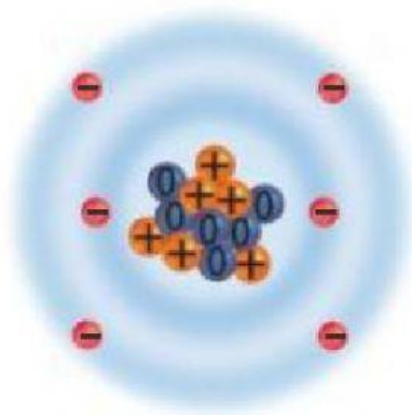
12. An element's atomic number is the number of _____ in the nucleus of each atom of that element.

[Need a Hint?](#)

- A. ☐ neutrons
 - B. ☐ protons
 - C. ☐ electrons
 - D. ☐ positrons
-

13. An atom containing six protons and six electrons has _____ charge.

[Need a Hint?](#)



- A. ☐ a positive
- B. ☐ a negative
- C. ☐ no net
- D. ☐ a strong negative

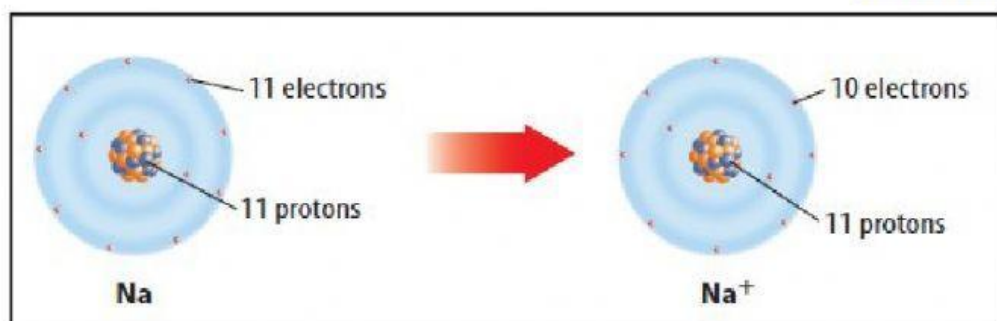
14. Most of an atom's mass is contained in _____.

[Need a Hint?](#)

- A. ☐ the electron orbits
- B. ☐ the electron cloud
- C. ☐ its outer energy shell
- D. ☐ its nucleus

15. A(n) _____ is an atom that has gained or lost an electron and is no longer neutral.

[Need a Hint?](#)



- A. ☐ ion
- B. ☐ isotope
- C. ☐ molecule

D. ☐ compound



This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

Grade the Test

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