

Periodic Table Review

Name _____

1. Atoms contain mostly ...
 - A. protons
 - B. electrons
 - C. neutrons
 - E. empty space
2. Electrons are _____ charged particles that orbit the central part of the atom, called the _____, in an area call (an orbit, a path, an electron cloud).
3. If an atom has 8 protons, it will have _____ electrons.
4. If an atom has 3 protons, it will always have 3 neutrons. (T or F)
5. The identity of the element (its name) depends only on the number of _____.
6. On the periodic table, sodium and potassium are in the same (period or group).
7. List 3 other elements that are in the same period as boron.
8. List 2 other elements that are in the same group as oxygen.
9. What physical properties do metals have in common?
10. Which one of these elements is a metalloid? (fluorine, sulfur, silicon, or sodium)
11. How many total electrons are there in an atom of sulfur? _____ How many of these electrons are in the outer energy level? _____
12. List 5 transition elements that you have heard of. What do they all have in common?
13. Atoms are stable if they have a _____ outer energy level.
14. If an atom has 3 protons and 4 neutrons, how many electrons will it have? _____
What will be its atomic number? _____ What will be its atomic mass number? _____
What is the element's name? _____