

1) The atomic number of an atom is the number of _____ in the atom's nucleus.

- a. Electrons
- b. Neutrons
- c. Neutrinos
- d. Valence electrons
- e. Protons

2) Elements in the same column of the Periodic Table have what in common?

- a. The same atomic weight
- b. The same number of electrons in the outermost shell
- c. The same total number of electrons
- d. The same number of electron shells
- e. The same melting and boiling points

3) What are the horizontal rows of the Periodic Table called?

- a. Bases
- b. Shells
- c. Layers

d. Periods

e. Stratas

4) What family of elements is in the right-most column of the Periodic Table?

a. Alkali metals

b. Transition metals

c. Halogens

d. Actinides

e. Noble gases

5) What family of elements is in the left-most column of the Periodic Table?

a. Alkali metals

b. Transition metals

c. Halogens

d. Actinides

e. Noble gases

6) Elements in the Periodic Table are listed in order of their

_____.

- a. Atomic number
- b. Electrons
- c. Density
- d. Melting point
- e. They are listed in alphabetical order

7) Which of the following is the abbreviation for the element gold?

- a. G
- b. Fe
- c. Au
- d. Go
- e. Ld

8) What scientist is usually credited with inventing the Periodic Table?

- a. Albert Einstein
- b. Isaac Newton
- c. Antoine Lavoisier
- d. Dmitri Mendeleev

e. Alfred Nobel

9) What is the abbreviation used in the Periodic Table for hydrogen?

a. Fe

b. H

c. Hy

d. Hd

e. Gn

10) What is the name of the family of elements that has a full outer shell of electrons?

a. Alkali metals

b. Transition metals

c. Halogens

d. Actinides

e. Noble gases