

**QUIZZ**

Families of the Periodic Table  
20 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1. Elements on the periodic table can be grouped into families based on their \_\_\_\_\_ properties.

 A mechanical B physical C chemical D electrical

2. Why is element Hydrogen not included in the Alkali Family?

 A It is a halogen. B It is non-metal. C It is a metalloid. D It is a noble gas.

3. Which family have 1 valence electron that they give up easily.

 A Halogens B Noble Gases C Alkali Earth Metals D Alkali Metals

4. What includes the Alkali Earth Metals?

 A Lithium, Sodium, Potassium,  
Rubidium, Cesium, Francium B Beryllium, Magnesium, Calcium,  
Strontium, Barium, Radium C Fluorine, Chlorine, Barium, Iodine,  
Astatine D Helium, Neon, Argon, Xenon, Krypton

5. Lanthanides and Actinides belong to what family?

- A Alkali Metals  B Halogens  
 C Alkali Earth Metals  D Transition Metals

6. Each element in Group 14, the carbon family, has how many electrons in its outer energy level?

- A two  B one  
 C four  D three

7. What element is the fourth most abundant element in your body?

- A oxygen  B carbon  
 C flourine  D nitrogen

8. Which group of elements are very reactive, have 7 valence electrons, and takes an electron from metals to form an ionic compound?

- A Halogens  B Alkali Metals  
 C Alkali Earth Metals  D Noble Gases

9. What group of elements produce distinctive glows when electricity is passed through it?

- A alkali metals  B alkali earth metals  
 C noble gases  D halogens

10. The group of element that can able to put up to 32 electrons in their second to last shell.

- A metalloids  B Noble gases  
 C halogens  D transition metals



17. These elements are known as the "Rare Earths Elements"

A lutetium and lawrencium

B silver and gold

C niobium and molybdenum

D scandium and yttrium

18. Which symbol of the element is in the 5th period and group 11?

A Au

B Cu

C Ag

D Al

19. What part of the element shows the horizontal rows, atomic number increases as you move across a the row?

A families

B rare earth metals

C groups

D periods

20. Which of the following element that is a metalloid?

A Zinc

B Argon

C Germanium

D Bismuth