



Properties / Facts about Element Families
18 Questions

NAME : _____

CLASS : _____

DATE : _____

1. These elements divide the metals from the nonmetals on the Periodic Table. The elements are B, S, Ge, As, Sb, Te & At

metalloids

transition metals

halogens

alkali metals

2. These elements only react in labs under forced conditions. These elements are He, Ne, Ar, Kr, Xe & Rn

alkaline earth metals

transition metals

actinoids

noble gases

3. These elements are STABLE and do not like to bond

halogens

alkaline earth metals

noble gases

transition metals

4. In this family copper, silver, nickel and gold are used to make coins and iron is used for strong building materials

alkali metals

post-transition metals

alkaline earth metals

transition metals

5. This family includes the elements lithium, sodium, potassium, rubidium, cesium and francium. In nature these elements only occur in compounds. These elements must be stored away from oxygen & water vapor because they are highly reactive.

alkali metals

alkaline earth metals

transition metals

6. Elements in this group are used to make semiconductors.

metalloids	noble gases
halogens	actinoids

7. This is the family name for Column 2 / Group 2

alkali metals	alkaline earth metals
in the valley / transition metals	halogens

8. Fluorine is considered one of the most reactive of all elements. Air with only 0.1% concentration of fluorine gas is lethal. Which family is Fluorine in?

alkali metals	Halogens or Reactive Nonmetals
transition metals	noble gases

9. ___ are in the first column of the periodic table.

Nonmetals	Halogens
Alkali Metals	Transition Metals

10. ___ are shiny and soft metals.

Alkali Metals	Halogens
Nonmetals	Noble gases

11. ___ are in the second column of the periodic table.

Halogens	Alkali Earth Metals
Nonmetals	Noble gases

12. ___ make up the largest section of the periodic table.

Transition Metals	Noble Gases
Nonmetals	Alkali Earth Metals

13. _____ are strong, shiny, and flexible.

Metalloids

Noble Gases

Nonmetals

Transition Metals

14. _____ have some properties in common with metals and some in common with non-metals

Noble Gases

Metalloids

Nonmetals

Halogens

15. _____ look like metals, but they very are fragile.

Noble Gases

Nonmetals

Metalloids

Halogens

16. There are _____ elements on the current periodic table.

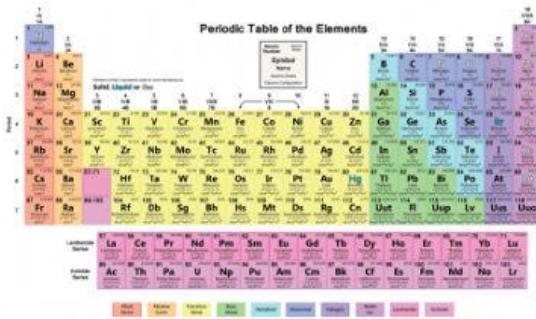
92

1,347,016

18

118

17.



Each column in the periodic table is called a _____.

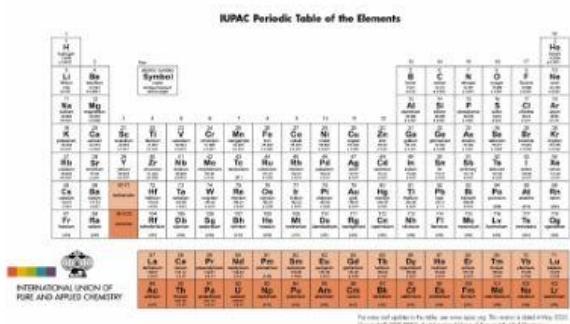
period

group

cluster

unit

18.



What element is in group 2, period 6?

Sr - Strontium

Ba - Barium

S - Sulfur

O - Oxygen