QUIZIZZ

NAME :

CLASS :

DATE :

Periodic Table of Elements
34 Questions

1. The current Periodic Table of Elements is arranged by

atomic mass

atomic number

atomic radius

number of isotopes

2. Who is most famous for his help with organizing the Periodic Table?

Mendeleev

Bohr

Lewis

Democritus

3. Elements with only 1 valence electron are known as:

Alkali metals

Transition elements

Alkaline earth metals

Halogens

4. Which group of the periodic table is Neon a part of?

alkali metals

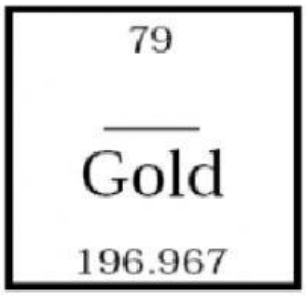
alkaline earth metals

halogens

noble gases

LIVEWORKSHEETS

5.



How many protons are in this element?

79

196

117

Cannot be determined

6. The elements in this group are "inert." They don't want to react with anything.

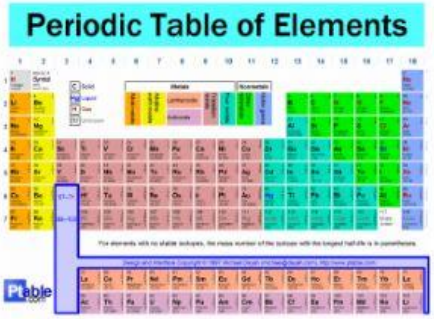
Halogens

Transition metals

Alkali metals

Noble gases

7.



Most of the elements on the periodic table are classified as _____.

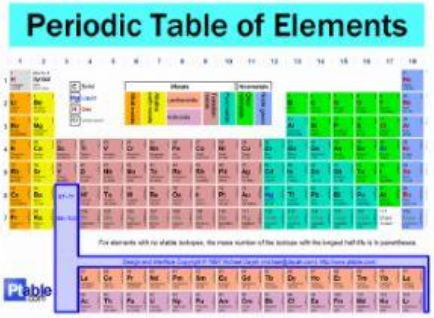
Metals

Nonmetals

Metalloids

Periods

LIVEWORKSHEETS

8. 

This class of elements are sometimes called "semiconductors."

Metals

Nonmetals

Metalloids

Groups

9. Metals are found on the _____ side of the periodic table.

nonmetals

left

right

metals

10. What is the organizational system or chart for elements?

Atomic weight

Families

Periodic table

Atomic number

11. What do you call the horizontal row of elements in a periodic table of elements?

Group

Family

Period

Column

12. How many groups or families and periods does a Periodical Table have?

There are 17 groups or families and 7 periods.

There are 18 groups or families and 7 periods.

There are 7 groups or families and 18 periods.

There are 18 groups or families and 6 periods

13. Which of the following are the three major groups of elements in the periodic table?

Metals, non-metals, metalloids

Metals, conductors, metalloids

Metals, conductors, insulators

Non-metals, conductors, insulators

LIVEWORKSHEETS

14. What are Group 1 elements known as?

Alkali metals

Transition elements

Alkaline earth metals

Inner transition elements

15. The following elements belong to the same group EXCEPT?

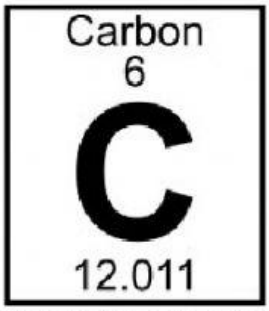
Argon

Calcium

Helium

Krypton

16.



What does the C represent?

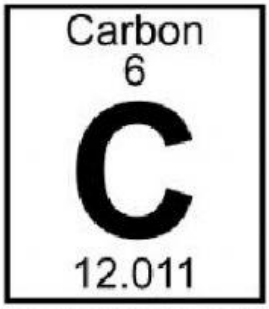
atomic mass

atomic number

element name

chemical symbol

17.



What does the 6 represent?

atomic mass

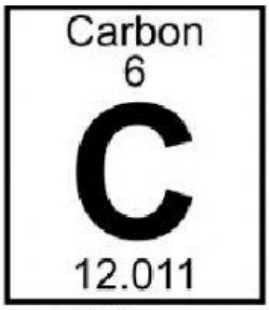
atomic number

element name

chemical symbol

LIVEWORKSHEETS

18.



What does 12.011 represent?

atomic mass

atomic number

element name

chemical symbol

19. The Modern Periodic Table of Elements is arranged by

atomic mass

atomic number

valence electrons

number of isotopes

20. Which group of the periodic table is Neon a part of?
answer choices

alkali metals

alkaline earth metals

halogens

noble gases

21. I am a nonmetal
I am in period 2
I am in group 16

Ba

Si

O

S

22. I am a metal
I am in group 2
I am in period 6
I am...

Mo

Re

S

Ba

LIVEWORKSHEETS

23. These are found on the Periodic Table.

Compounds

Elements

Mixtures

24. There are _____ elements on the periodic table that are classified as metals.

118

nonmetals

metals

88

25. This group of elements have properties that are opposite those of metals.

_____

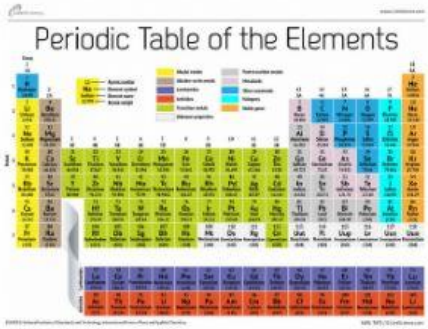
luster

nonmetals

metalloids

metals

26.

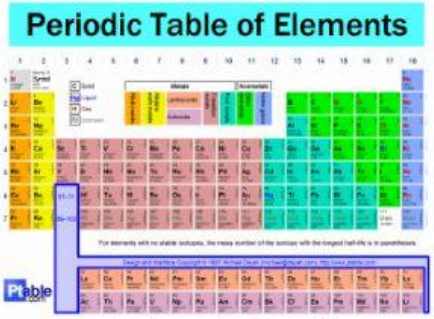


Periods on the periodic table are _____.

Horizontal Rows

Vertical Columns

27.



Groups on the periodic table are _____.

Horizontal Rows

Vertical Columns

LIVEWORKSHEETS

28. The formula used to calculate the number of neutrons is:

Mass Number - Atomic Number

Protons + Electrons

Atomic Number - Mass Number

Protons x2

29. How many periods are on the periodic table?

5

6

7

8

30. What do you call the horizontal row of elements in a periodic table of elements?

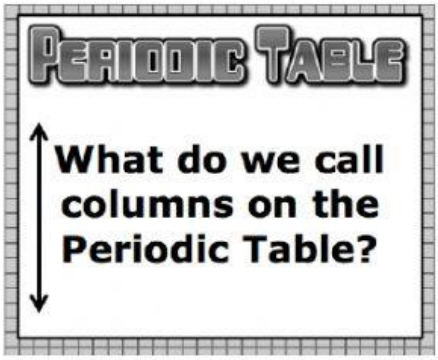
Group

Family

Period

Column

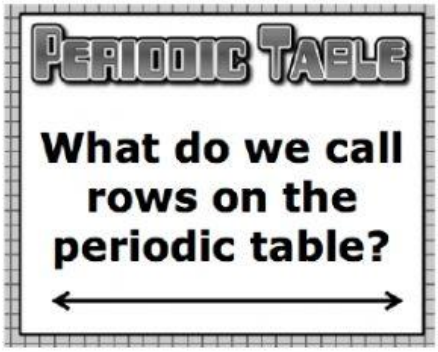
31.



Periods

Groups

32.

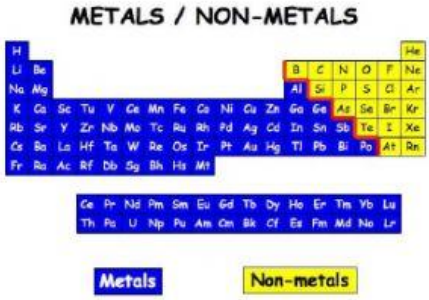


Periods

Groups

LIVEWORKSHEETS

33.



The blue atoms are called

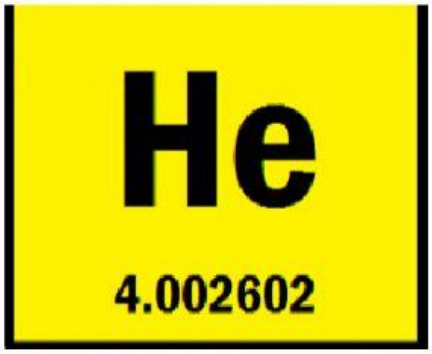
metals

nonmetals

metalloids

noble gases

34.



Name the element

Hydrogen

Helium

Heryllium

Hassium

LIVEWORKSHEETS