



Atoms and Subatomic Particles  
17 Questions

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

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

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

1. What are the 2 subatomic particles located in the nucleus of an atom?

Protons and Electrons

Electrons and Neutrons

Protons and Neutrons

Molecules

2. What is the subatomic particle that is on the 3 rings outside of an atom's nucleus?

Electrons

Neutrons

Protons

3. What subatomic particle is negatively charged?

Electron

Proton

Neutron

4. Which subatomic particle has no charge?

Neutron

Proton

Electron

5. How many subatomic particles are inside of a carbon atom?

7

6

3

5

6. Which atom contains 1 proton, 0 neutrons, and 1 electron?

Oxygen Atom

Hydrogen Atom

Lithium Atom

Carbon Atom

7. What are the 3 subatomic particles?

Neutrons

Protons

Compounds

Electrons

8. To have a charge of zero, what two particles must be balanced in an atom?

Protons and neutrons

Protons and Electrons

Electrons and neutrons

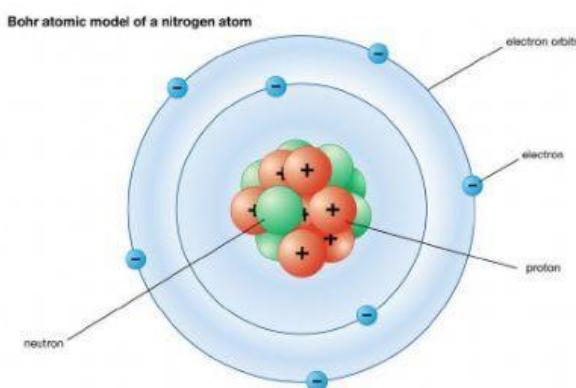
9. Mass number is a measure of an atom's

Electrons and neutrons

Electrons and protons

Neutrons and protons

10.



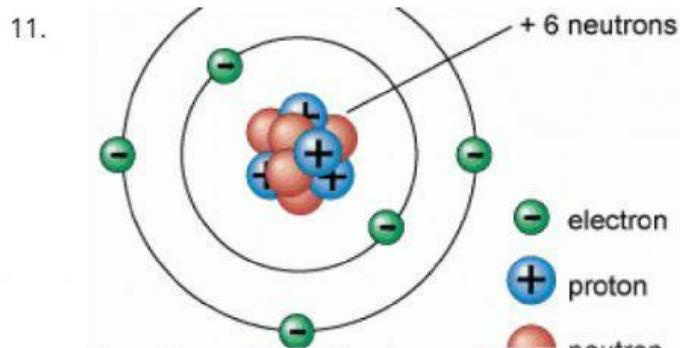
Atoms are made up of \_\_\_\_\_

gasses

subatomic particles

energy

electrons



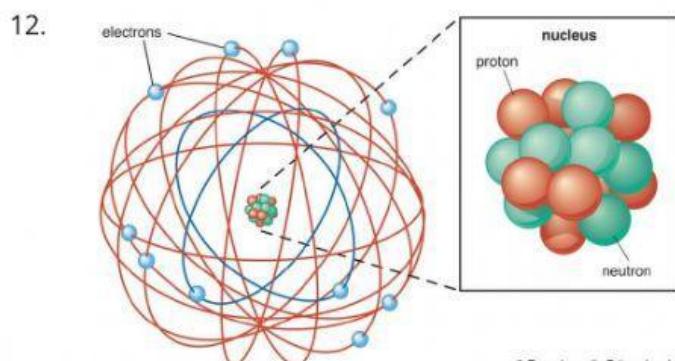
The subatomic particles that make up an atom.

electrons, protons, nucleus

electrons, protons, neutrons

energy, protons, nucleus

solid, liquid, gas



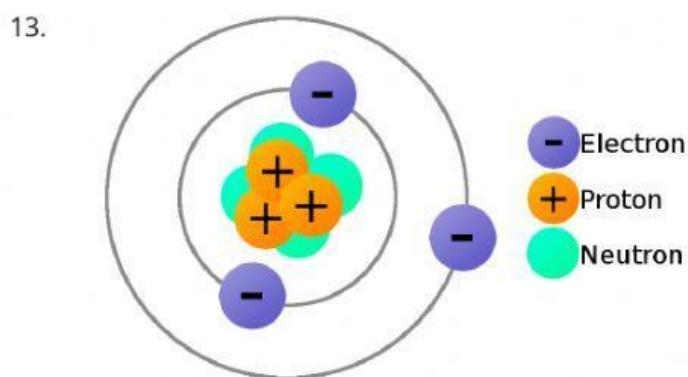
The following subatomic particles are in the nucleus.

Protons and electrons

Neutrons and electrons

Protons and nucleus.

Protons and neutrons.



\_\_\_\_\_ are negatively charged particles that are in the orbitals around the nucleus.

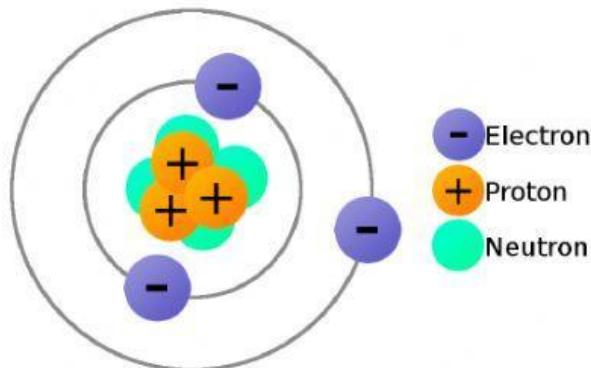
nucleus

protons

electrons

neutrons

14.



- Electron
- +
- Proton
- Neutron

A proton has a \_\_\_\_\_ charge.

negative

massive.

neutral

positive

15. A neutron has \_\_\_\_\_ charge or is \_\_\_\_\_.

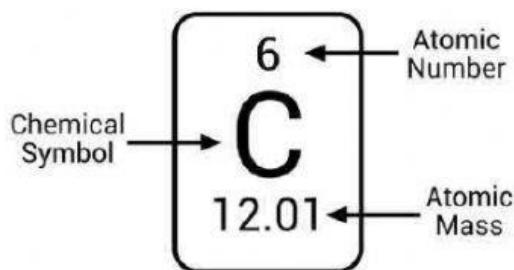
no .... negative

positive .... neutral

negative ... neutral

no ... neutral

16.



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The number of protons in an atom is called the ....

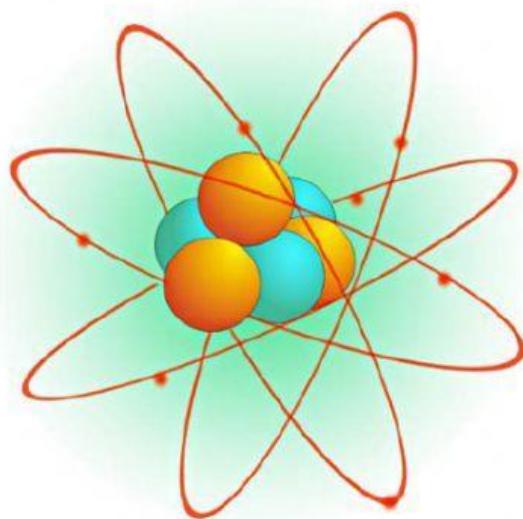
Nucleus

Atomic Number

Mass

Orbital

17.



Atoms are made up of what?

elements

subatomic particles

molecules

compounds