

Questions for Review of Periodic Table and atoms

What metal has 79 Protons?

Gold

How many valence electrons would an atom of tin have?

Four

Which atom has 12 electrons?

Magnesium

What element has an atomic # of 1?

Hydrogen

Helium has an atomic # of 2. How many protons does it have?

two

Which element in the Noble Gas Family has 10 electrons?

Neon

I am a Noble Gas with only 1 energy level. What am I?

Helium

Which element is a member of the halogen family and has 45 neutrons?

Bromine

I have 94 electrons. What am I?

Plutonium

How many neutrons can be found in an atom of Phosphorus?

sixteen

I have 12 neutrons and 2 valence electrons. What am I?

Magnesium

I am a gas with 3 energy levels and 22 neutrons, who am I?

Argon

Which element has 31 electrons?

Gallium

I have 3 energy levels and 17 protons. What am I?

Chlorine

What element in the Noble Gas Family has a total of 4 energy levels?

Krypton

What element is an alkali metal with 5 energy levels?

Rubidium

Which element is a metalloid in group 15 with 4 energy levels?

Arsenic

What atom particle has a positive charge?

proton

What atom particle has a negative charge?

electron

What atom particle has no charge or is neutral?

neutron

How do I find the number of neutrons an atom has?

atomic mass - atomic # = neutrons

The atomic mass is made up of what two atom particles?

of protons and the # of neutrons

The atomic number of an atom tells me what?

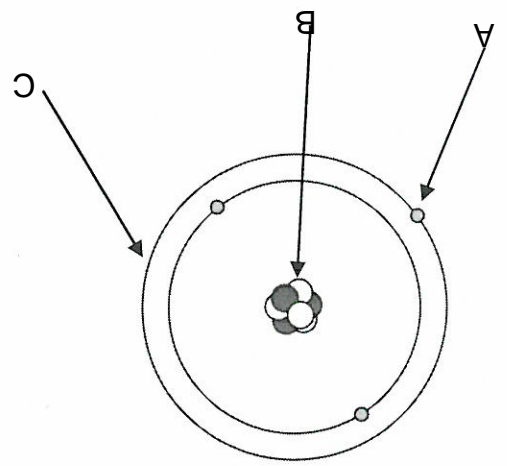
of protons (which equals the # of electrons)

The number of protons is equal to the number

of what?

electrons

Do atoms have an electrical charge?



A. ELECTRON

B. NUCLEUS (PROTONS AND NEUTRONS)

C. ELECTRON CLOUD

Draw a Bohr model of the element Oxygen. Make sure to label protons, neutrons, and electrons

