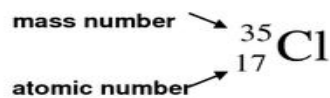
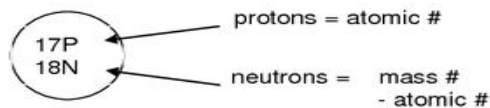
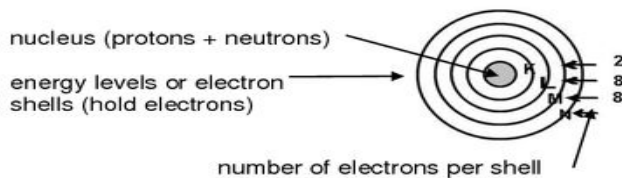


HOW DO YOU DRAW A BOHR-RUTHERFORD MODEL OF THE ATOM??

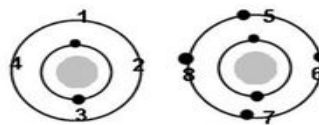
A. The Nucleus - protons + neutrons



B. The Electrons



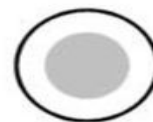
order of placing the electrons



C. Practice Drawing Bohr-Rutherford Models of the Atom

1. Hydrogen is the simplest atom. It has only ____ electron

- a) How many electron shells does a hydrogen atom have? ____
b) What is this shell called? ____
c) Is this shell complete? ____



2. A lithium atom has ____ protons, ____ neutrons and ____ electrons.

- a) How many electron shells does a lithium atom have? ____
b) What are these shells called? ____
c) Which one is the inner shell? ____
d) Is the inner shell full? ____
e) Is the outer shell full? ____



3. a) How many protons ____ and neutrons ____ does sulphur have?

- b) How many electrons does sulphur have? ____
c) How many electron shells does sulphur have? ____
d) What is the first shell called? ____
e) How many electrons does this shell have? ____
f) What is the second shell called? ____
g) How many electrons does it have? ____
h) What is the third shell called? ____
i) How many electrons does the third shell have? ____
j) Is this shell full? ____

