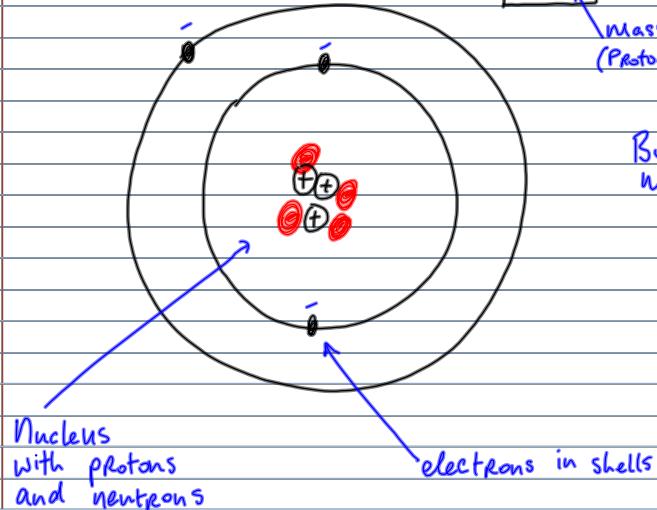


## The Atom

Lithium

 $\boxed{\text{Li}^3_7}$ 
Atomic No.  
(Protons, electrons)Mass No.  
(Protons + Neutrons)Bohr  
model

PARTICLE	WHERE?	CHARGE	MASS (a.m.u.)
proton	nucleus	+	1
neutron	nucleus	0	1
electron	shell	-	1/1840

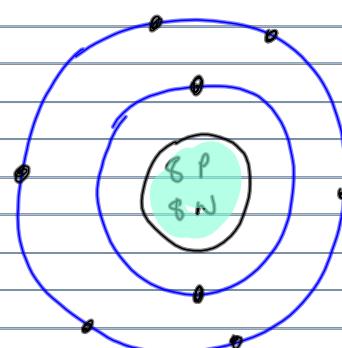
Oxygen

 $\boxed{\text{O}^{16}_8}$ 

8 protons, 8 electrons

 $16 - 8 = 8$  neutrons

Draw a Bohr model of an oxygen atom.



Draw a Bohr model of a nitrogen atom

 $\boxed{\text{N}^7_{14}}$