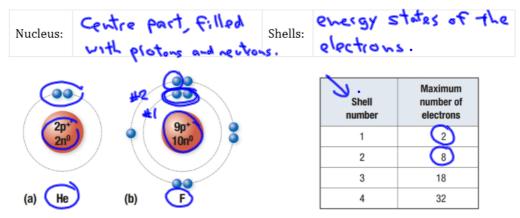
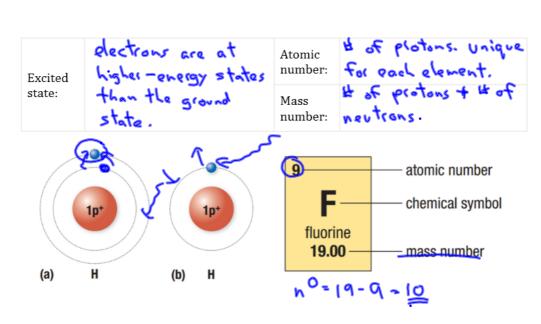
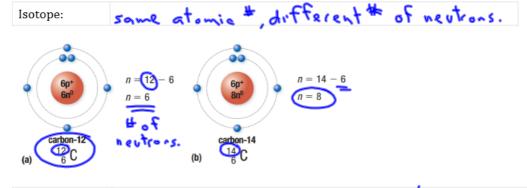
SPH3U 7.1 Atoms and Isotopes

1. Bohr-Rutherford model of the atom









Hydrogen: | proton | alectron, no neutrons | H

occurring tritium 3 H, has one neutron. 2 Used to make "Heavy

tritium 3 H, has two neutron. > water" (H2O) = Canadia

Periodic table: Lists the most commonly occurring is at ope.

Draw the Bohr-Rutherford diagram for silicon-31.



3. Medical applications of radioisotopes

Radioisotopes:	Unstable isotope that will decay and release radiation.
nuclear medical imaging	the radiation to see internal problems.
radionuclide therapy (RNT)	use radiation to torget and kill specific structures (tumors)

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