

**BOHR DIAGRAMS**

Bohr diagrams can be used to show the arrangement of electrons around the nucleus.

Electrons are only found in certain levels, shells, or energy levels around the nucleus.

Levels	Max # of electrons
1	2
2	8
3	18
4	32

Draw the Bohr Diagram for the following:

A) Lithium  ${}^3_3\text{Li}$  3p, 3e, 4n

B) Hydrogen  ${}^1_1\text{H}$  1p, 1e, 0n

C) Helium  ${}^2_2\text{He}$  2p, 2e, 2n

D) Carbon  ${}^{12}_6\text{C}$  6p, 6e, 6n

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