

Name: _____
 Blk: _____ Date: _____

Bohr Models are Fun!!!

Draw the Bohr models of the following elements in each box and then answer the questions that follow. Remember that the first orbit can hold up to 2 electrons, the second and third orbits can have up to 8 electrons, and the $4^{th} + 5^{th}$ hold up to 18 electrons.

Hydrogen	Carbon	Nitrogen	Helium
Lithium	Beryllium	Fluorine	Neon
Sodium	Magnesium	Chlorine	Argon
Potassium	Calcium	Bromine	Krypton

Questions:

1. What do the elements Hydrogen, Lithium, Sodium and Potassium have in common on the Periodic Table?
2. What do the above elements have in common in their Bohr models?
3. What do the elements Helium, Neon, Argon and Krypton have in common on the Periodic Table?
4. What do the above elements have in common in their Bohr models?
5. What do the elements Fluorine, Chlorine and Bromine have in common on the Periodic Table?
6. What do the above elements have in common in their Bohr models?