Drawing Structure of the Atom – Bohr & Lewis Dot Diagrams

Name: _____ Date: _____

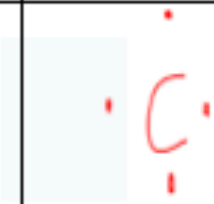
1. Complete the following chart below.
2. Draw the Bohr diagram for each element - shows the element symbol in a circle for the nucleus and includes all the energy levels (shells) with the correct number of electrons
3. For the Lewis dot diagram - draw only the element symbol (no circle around it) surrounded by the correct number of valence electrons. Organize electrons in pairs as you did for Bohr diagrams.

Element	Bohr Diagram	Group Number (Roman #)	# of Valance Electrons	Lewis Dot Diagram
Lithium				
Carbon				
Oxygen				
Fluorine				

Drawing Structure of the Atom – Bohr & Lewis Dot Diagrams- answers

Name: _____ Date: _____

4. Complete the following chart below.
5. Draw the Bohr diagram for each element - shows the element symbol in a circle for the nucleus and includes all the energy levels (shells) with the correct number of electrons
6. For the Lewis dot diagram - draw only the element symbol (no circle around it) surrounded by the correct number of valence electrons. Organize electrons in pairs as you did for Bohr diagrams.

Element	Bohr Diagram	Group Number (Roman #)	# of Valance Electrons	Lewis Dot Diagram
Lithium	Lithium	1	1	
Carbon	Carbon	4	4	
Oxygen	Oxygen	6	6	
Fluorine	Fluorine	7	7	