




**Lewis Dot Diagram Worksheet**

Use the Bohr models to determine the number of valence electrons. Once you have found the number of valence electrons, place them around the element's symbol. *outer shell*

Element	Atomic #	Atomic Mass	Protons	Neutrons	Electrons	Valence Electrons	Number of energy levels	Bohr Model	Lewis Dot
Carbon	6	12	6	6	6	4 (Group 14, 4 in the ones place)	2 (2 <sup>nd</sup> period)		$\cdot \overset{\cdot}{\underset{\cdot}{\text{C}}} \cdot$
Hydrogen	1	1	1	0	1	1	1		$\text{H} \cdot$
Lithium	3	7	3	4	3	1	2		$\text{Li} \cdot$

Mar 26-3:04 PM