

Chemical Bonds – Ionic Bonds

1. Identify the *Number of Valance Electrons* and *Draw the Lewis Dot Structure*

Notes: Scientists use *Lewis Dot Structures* to show the valance electrons of an element as dots. Since bonding involves the valance shell electrons only, it is only necessary to illustrate those outer electrons.

Element	Bohr Diagram	Group Number (PT)	# of Valance Electrons	Lewis Dot Structure
Calcium				
Carbon				
Hydrogen				
Helium				
Oxygen				
Fluorine				
Neon				
Sodium				
Aluminum				