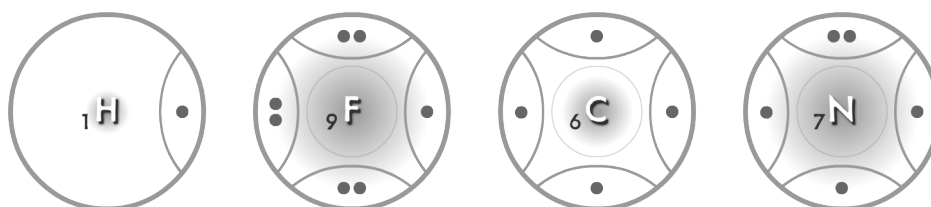


# COVALENT BONDING



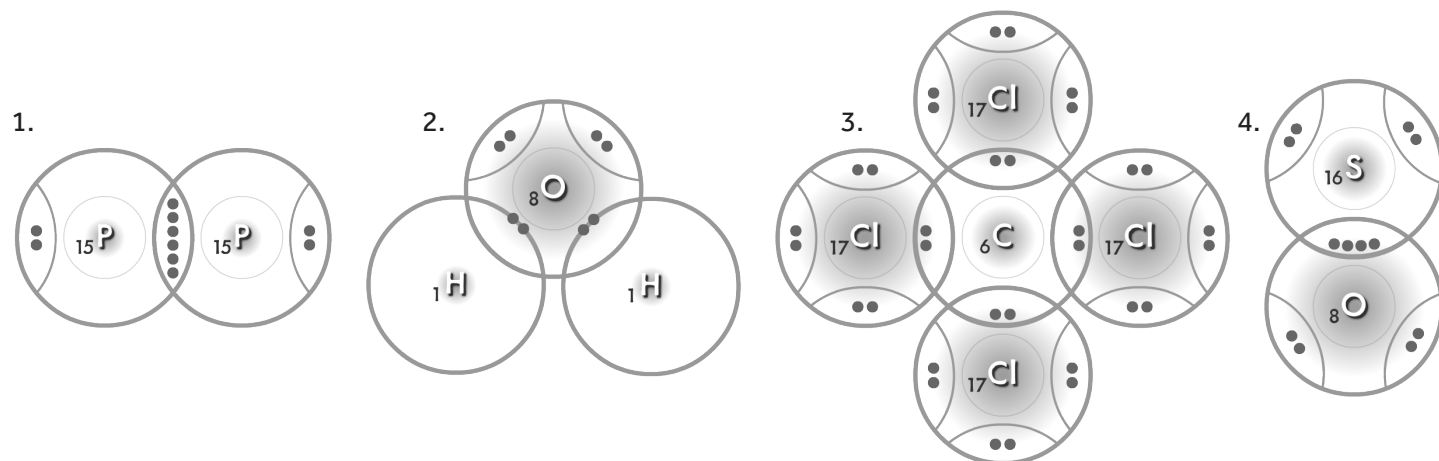
**Concepts:** Types of Bonds, Bond Polarity, and Molecular Shape

Directions: Using any of the following atoms, create 4 unique molecules and draw their Lewis Structure below. Check your answers by using the Collisions Covalent Bonding Sandbox.



Molecule 1:	Molecule 2:	Molecule 3:	Molecule 4:
Lewis Structure:	Lewis Structure:	Lewis Structure:	Lewis Structure:

Directions: For each molecule below, determine the bond polarity and bond type.



	1	2	3	4
Bond Type (single, double, or triple)				
Bond Polarity (nonpolar, semi-polar, or very polar)				