

### Chapter 9 Worksheet

Formula	Name	Valence Electrons	Lewis Structure
H <sub>2</sub>			
	Hydrochloric Acid		
H <sub>2</sub> O			
	Nitrogen Trihydride		
CH <sub>4</sub>			
	Chlorine		
O <sub>2</sub>			
	Hydroxide Ion		
H <sub>3</sub> O <sup>+</sup>			
	Ammonium Ion		
SO <sub>4</sub> <sup>2-</sup>			
	Nitrogen		
CO <sub>2</sub>			
	Phosphorus Pentafluoride		
AsF <sub>6</sub> <sup>-</sup>			
	Nitrate Ion		