

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

**Bonding Worksheet #5 Lewis Structures**

	Formula	Name	Lewis Dot Structure or Electron Dot Structure
1.	Li <sub>2</sub> O	Lithium oxide	
2.	CS <sub>2</sub>	Carbon Sulfide	
3.	C <sub>2</sub> H <sub>2</sub>	ethyne	
4.	IF	Iodine Fluoride	
5.	CaS	Calcium Sulfide	
6.	Br <sub>2</sub>	Bromine gas	
7.	CHCl <sub>3</sub>	Methyl Chloride	
8.	K <sub>3</sub> P	Potassium Phosphide	
9.	HCN	Cyanic Acid	

	Formula	Name	Lewis Dot Structure or Electron Dot Structure
10.	NCl <sub>3</sub>	Nitrogen trichloride	
11.	SiH <sub>4</sub>	Silicon tetrahydride	
12.	H <sub>2</sub> O <sub>2</sub>	Hydrogen Peroxide	
13.	CO <sub>2</sub>	Carbon dioxide	
14.	SiS <sub>2</sub>	Silicon Disulfide	
15.	NH <sub>4</sub> <sup>+</sup>	Ammonium Ion	
16.	NH <sub>3</sub>	Ammonia	
17.	CH <sub>3</sub> I	Iodomethane	
18.	H <sub>2</sub> S	Hydrogen Sulfide	