NAME: **HONORS CHEMISTRY**

SECTION: Drawing Lewis Structures

Draw Lewis structures for the following molecules or polyatomic ions:

1. Iodomethane, CH3I
2. Ammonia, NH3
3. Hydrogen sulfide, H2S
4. Methanal (aka formaldehyde), CH2O
5. Carbon dioxide, CO2
6. Hydrogen cyanide, HCN
7. Silicon tetrachloride, SiCl4
8. Oxygen difluoride, OF2
9. Chloroethyne, HC2Cl
10. glycine, NH2CH2COOH
11. Boron trichloride, BCl3 (doesn’t obey octet rule)
12. Hydroxide ion, OH-
13. Bromate ion, BrO3-
14. Sulfur dichloride, SCl2
15. Phosphorus triiodide, PI3
16. Ammonium ion, NH4+