**All Mixed Up**

Directions: Classify each of the compounds from your envelope as it is given (formula or name) as an ionic, covalent, or acidic compound. Write them under the corresponding compound type (i.e. ionic, covalent, and acid).

Ionic

Covalent

Acids

strontium oxide CH4 nitrogen trihydride

HNO2 hydroiodic acid PBr5

potassium cyanide HC2H3O2 fluorine

lithium phosphate Na2S SO3

sulfuric acid PbSO4 sulfur hexafluoride

N2 H2Se Hg(NO3)2

perchloric acid H2O Sn3P2

sulfurous acid manganese (III) acetate H3P