**Compound Names & Formulas HW #6**

***Name the following compounds and give the atom or ion ratio***

1. CCl4

carbon tetrachloride

1 C : 4 Cl

1. NaCl
2. CaO
3. CO
4. CoO
5. Al2O3
6. CO2
7. NO2
8. CI4
9. KCl

**Give the formula for the following compounds and give the atom or ion ratio**

1. nitrogen monoxide

NO

1 N : 1 O

1. silver chloride
2. copper(I) oxide
3. iron(III) bromide
4. palladium(IV) oxide
5. carbon disulfide
6. zinc oxide
7. platinum(IV) sulfide
8. mercury(I) arsenide
9. carbon tetrahydride

***Name the following compounds and give the atom or ion ratio***

1. Hg2O

mercury(I) oxide

2 Hg+ : 1 O2-

1. TiN
2. CoN
3. Ti3N4
4. Co3N2
5. GaP
6. Ga2S3
7. Al2O3
8. CI4
9. SO3

***Give the formula for the following compounds and give the atom or ion ratio***

1. diarsenic pentoxide

As2O5

2 As : 5 O

1. silicon diselenide
2. lead(II) fluoride
3. lead(IV) chloride
4. tin(II) bromide
5. tin(II) iodide
6. triphosphorous pentoxide
7. magnesium iodide
8. silver nitride
9. dihydrogen monoxide