Chem 20 Naming Worksheet

1. Classify each of the following as
   1. Molecular or
   2. Ionic
      1. With *monovalent* or *multi-valent* metal ions
      2. Binary or polyatomic
2. Name the compound using the appropriate naming system.
3. NaOH
4. H2SO3
5. H2S
6. H3PO4
7. NH3
8. HCN
9. Ca(OH)2
10. Fe(OH)
11. H3P
12. BBr3
13. CaSO4
14. C2Br6
15. Cr(CO3)
16. Ag3P
17. IO2
18. VO2
19. PbS
20. CH4
21. N2O3
22. P5O4
23. Follow the instruction in part a) & *Write the formulas of the following chemical compounds:*
24. tetraphosphorus triselenide 2) potassium acetate

3) iron (II) phosphide 4) disilicon hexabromide

5) titanium (IV) nitrate 6) diselenium diiodide

7) copper (I) phosphate 8) gallium oxide

9) tetrasulfur dinitride 10) phosphorus

11) hydrofluoric 12) hydroselenic acid

13) carbonic acid 14) lithium hydroxide

15) nitrous acid 16) cobalt (II) hydroxide

17) sulfuric acid 18) beryllium hydroxide

19) hydrobromic acid 20) chromous acid