**![C:\Documents and Settings\gill_narinder\Local Settings\Temporary Internet Files\Content.IE5\FIBIMOIY\MC900250132[1].wmf]()**Naming Multivalent Compounds

Name the following compounds. DON’T forget the Roman Numerals!

|  |  |  |  |
| --- | --- | --- | --- |
| **FORMULA** | **ROUGH WORK** | **NAME** | **TOTAL # OF ATOMS** |
| 1. Hg2S
 |  |  |  |
| 1. CuI2
 |  |  |  |
| 1. PbS
 |  |  |  |
| 1. PbCl2
 |  |  |  |
| 1. PbCl4
 |  |  |  |
| 1. CoCl2
 |  |  |  |
| 1. AuCl
 |  |  |  |
| 1. AuCl3
 |  |  |  |
| 1. HgO
 |  |  |  |
| 1. CuCl2
 |  |  |  |
| 1. Fe2O3
 |  |  |  |
| 1. Cu2O
 |  |  |  |

**![C:\Documents and Settings\gill_narinder\Local Settings\Temporary Internet Files\Content.IE5\FIBIMOIY\MC900250132[1].wmf]()**Writing Multivalent Compounds

Write the chemical formulae for the following compounds. Show all your work!

|  |  |  |
| --- | --- | --- |
| **CHEMICAL NAME** | **FORMULA** | **TOTAL # OF ATOMS** |
| 1. Tin (II) oxide
 |  |  |
| 1. Lead (IV) fluoride
 |  |  |
| 1. Iron (III) sulphide
 |  |  |
| 1. Chromium (II) iodide
 |  |  |
| 1. Lead (IV) bromide
 |  |  |
| 1. Nickel (III) chloride
 |  |  |
| 1. Mercury (II) chloride
 |  |  |
| 1. Gold (III) nitride
 |  |  |
| 1. Tin (IV) oxide
 |  |  |
| 1. Lead (IV) sulphide
 |  |  |
| 1. Titanium (III) oxide
 |  |  |
| 1. Vanadium (IV) phosphide
 |  |  |
| 1. Chromium (II) oxide
 |  |  |
| 1. Manganese (II) oxide
 |  |  |
| 1. Cobalt (III) bromide
 |  |  |
| 1. Copper (II) nitride
 |  |  |
| 1. Palladium (IV) oxide
 |  |  |
| 1. Palladium (II) oxide
 |  |  |
| 1. Copper (I) nitride
 |  |  |
| 1. Cobalt (II) chloride
 |  |  |