

Name: _____

Chem. 4 – Fall 2009 – Proficiency Exam #1 – Nomenclature (1st try)

- | | |
|--|---|
| 1) hypobromous acid
HBrO_(aq) | 2) antimony (V) nitrite
Sb(NO₂)₅ |
| 3) MnO ₂ (there are 2 names for this, 1 pt extra for getting both)
manganese (II) peroxide
manganese (IV) oxide | 4) phosphoric acid
H₃PO_{4(aq)} |
| 5) barium sulfide
BaS | 6) Co(IO ₄) ₃
cobalt (III) periodate |
| 7) dinitrogen tetraoxide
N₂O₄ | 8) Cr ₂ (SeO ₄) ₃
chromium (III) selenate |
| 9) RbHCO ₃
rubidium hydrogen carbonate
rubidium bicarbonate | 10) HCN _(aq)
hydrocyanic acid |
| 11) ammonium carbonate
(NH₄)₂CO₃ | 12) Pb ₃ (AsO ₄) ₄
lead (IV) arsenate |
| 13) HBr
hydrogen bromide
hydrogen monobromide | 14) XeF ₆
xenon hexafluoride |
| 15) titanium (IV) sulfate
Ti(SO₄)₂ | 16) H ₂ SO _{3(aq)}
sulfurous acid |
| 17) copper (I) iodate
CuIO₃ | 18) lithium phosphide
Li₃P |
| 19) K ₂ O
potassium oxide | 20) Zn ₃ N ₂
zinc nitride |
| 21) cadmium acetate
Cd(C₂H₃O₂)₂ | 22) sodium oxalate
Na₂C₂O₄ |
| 23) potassium phosphite
K₃PO₃ | 24) iron (III) hydroxide
Fe(OH)₃ |
| 25) AgCl
silver chloride | 26) Bi ₂ (CrO ₄) ₅
bismuth (V) chromate |
| 27) Ca(ClO ₂) ₂
calcium chlorite | 28) Sn(NO ₃) ₂
tin (II) nitrate |
| 29) aluminum selenide
Al₂Se₃ | 30) nickel (II) permanganate
Ni(MnO₄)₂ |