

Chemistry Ternary Practice – Polyatomic Ion Compounds – Practice #4

The questions marked with *** are for Chem 1H only.

Name the following ternary compounds.

- 1) NH_4Br
- 2) Na_2CO_3
- 3) SnSO_4
- 4) FeCrO_4
- 5) $\text{Al}_2(\text{Cr}_2\text{O}_7)_3$
- 6) $\text{Ba}(\text{NO}_3)_2$
- 7) $\text{Co}(\text{ClO}_4)_3$
- 8) $\text{Zn}_3(\text{PO}_4)_2$
- 9) KMnO_4
- 10) $\text{Zr}(\text{OH})_2$
- 11) *** CoCO_2
- 12) *** $\text{Be}_3(\text{AsO}_4)_2$
- 13) *** TiS_2O_3
- 14) *** $(\text{NH}_4)_2\text{C}_2\text{O}_4$
- 15) *** $\text{Mn}(\text{SCN})_3$

Write the chemical formulas for the following ternary compounds.

- 16) aluminum nitrate
- 17) calcium cyanide
- 18) sodium phosphate
- 19) ammonium oxide
- 20) barium silicate
- 21) cadmium chlorate
- 22) copper(II) hypochlorite
- 23) chromium(III) phosphite
- 24) silver nitrite
- 25) lead(IV) hydroxide
- 26) *** lithium bromate
- 27) *** scandium(III) carbonite
- 28) *** rubidium hydrogen sulfate
- 29) *** strontium arsenate
- 30) *** ammonium thiosulfate