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Ionic Compounds With Polyatomic Ions, Part 5 Quiz: Solutions

$$+ 1 - 1 = 0$$

$$+ 2 - 2 = 0$$

$$+ 3 - 3 = 0$$

$$+ 1 + 1 - 2 = 0$$

$$+ 1 + 1 + 1 - 3 = 0$$

$$+ 2 - 1 - 1 = 0$$

$$+ 2 + 2 + 2 - 3 - 3 = 0$$

$$+ 3 - 1 - 1 - 1 = 0$$

$$+ 3 + 3 - 2 - 2 - 2 = 0$$

A. Name the following compounds.

$\text{Ca}(\text{NO}_2)_2$ Calcium Nitrite

K_3BO_3 Potassium Borate

Ag_2SO_4 Silver Sulfate

$\text{Cd}_3(\text{PO}_4)_2$ Cadmium Phosphate

$\text{Y}(\text{HSO}_4)_3$ Yttrium Hydrogen Sulfate

B. Write formulas for the following compounds.

Aluminum Sulfite $\text{Al}_2(\text{SO}_3)_3$

Magnesium Peroxide MgO_2

Indium Phosphate InPO_4

Zinc Hydrogen Carbonate $\text{Zn}(\text{HCO}_3)_2$

Silver Dihydrogen Phosphate AgH_2PO_4