



Mr. Science Teacher[®]
 The Best Way to Get an A![™]
www.mrscienceteacher.com



Ionic Compounds With Polyatomic Ions, Part 5

$$+ 1 - 1 = 0$$

$$+ 2 - 2 = 0$$

$$+ 3 - 3 = 0$$

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

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

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

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

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

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

A.	Sc ⁺³	OH ⁻¹	OH ⁻¹	OH ⁻¹	Sc(OH) ₃	Scandium Hydroxide
	Zn ⁺²	Zn ⁺²	Zn ⁺²	BO ₃ ⁻³	Zn ₃ (BO ₃) ₂	Zinc Borate
	Li ⁺¹	Li ⁺¹	Li ⁺¹	PO ₄ ⁻³	Li ₃ PO ₄	Lithium Phosphate
	K ⁺¹	CN ⁻¹			KCN	Potassium Cyanide
	Ca ⁺²	IO ₃ ⁻¹	IO ₃ ⁻¹		Ca(IO ₃) ₂	Calcium Iodate

B.	Scandium Iodate	Sc ⁺³	IO ₃ ⁻¹	IO ₃ ⁻¹	IO ₃ ⁻¹	Sc(IO ₃) ₃
	Zinc Cyanide	Zn ⁺²	CN ⁻¹	CN ⁻¹		Zn(CN) ₂
	Strontium Borate	Sr ⁺²	Sr ⁺²	Sr ⁺²	BO ₃ ⁻³	Sr ₃ (BO ₃) ₂
	Rubidium Carbonate	Rb ⁺¹	Rb ⁺¹	CO ₃ ⁻²		Rb ₂ CO ₃
	Silver Hydroxide	Ag ⁺¹	OH ⁻¹			AgOH