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## Ionic Compounds, Part 5

$$+ 1 - 1 = 0$$

$$+ 2 - 2 = 0$$

$$+ 3 - 3 = 0$$

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

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

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

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

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

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

A.	Sc <sup>+3</sup>	Sc <sup>+3</sup>	O <sup>-2</sup>	O <sup>-2</sup>	O <sup>-2</sup>	Sc <sub>2</sub> O <sub>3</sub>	Scandium Oxide
	Zn <sup>+2</sup>	Zn <sup>+2</sup>	Zn <sup>+2</sup>	N <sup>-3</sup>	N <sup>-3</sup>	Zn <sub>3</sub> N <sub>2</sub>	Zinc Nitride
	Li <sup>+1</sup>	Li <sup>+1</sup>	Li <sup>+1</sup>	P <sup>-3</sup>		Li <sub>3</sub> P	Lithium Phosphide
	K <sup>+1</sup>	H <sup>-1</sup>				KH	Potassium Hydride
	Ca <sup>+2</sup>	I <sup>-1</sup>	I <sup>-1</sup>			CaI <sub>2</sub>	Calcium Iodide

B.	Scandium Iodide	Sc <sup>+3</sup>	I <sup>-1</sup>	I <sup>-1</sup>	I <sup>-1</sup>		ScI <sub>3</sub>
	Zinc Hydride	Zn <sup>+2</sup>	H <sup>-1</sup>	H <sup>-1</sup>			ZnH <sub>2</sub>
	Strontium Nitride	Sr <sup>+2</sup>	Sr <sup>+2</sup>	Sr <sup>+2</sup>	N <sup>-3</sup>	N <sup>-3</sup>	Sr <sub>3</sub> N <sub>2</sub>
	Rubidium Oxide	Rb <sup>+1</sup>	Rb <sup>+1</sup>	O <sup>-2</sup>			Rb <sub>2</sub> O
	Silver Bromide	Ag <sup>+1</sup>	Br <sup>-1</sup>				AgBr