

Ionic Naming Review

Nov-18-2024 5:12 PM 1/2

Ion	Ion Name	Ion	Ion Name
<u>metal</u> K	Table name Potassium ion	<u>metal</u> Ti^{4+}	Table Name (charge) Titanium(IV) ion
<u>non/poly</u> O	non: -ide Oxide ion	<u>non/poly</u> P	non: -ide Phosphide ion
K_2O	Potassium Oxide (no ion)	Ti_3P_4	Titanium(IV) Phosphide (no ion)

Names with Polyatomic Ions

Nov-18-2024 5:12 PM 2/2

Ion	Ion Name	Ion	Ion Name
<u>metal</u> Sr	Table name Strontium ion	<u>metal</u> Cd^{1+}	Table Name (charge) Cadmium(I) ion
<u>polyion</u> BrO_3^{1-}	Chart (no charge) Bromate ion	<u>polyion</u> SO_4^{2-}	Chart (no charge) Sulfate ion
$Sr(BrO_3)_2$	Strontium Bromate (no ion)	Cd_2SO_4	Cadmium(I) Sulfate (no ion)