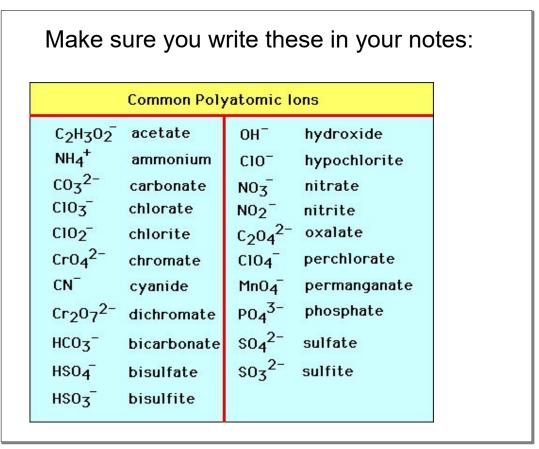
LO: Students will be able to name ionic compounds, covalent compounds, and acids.

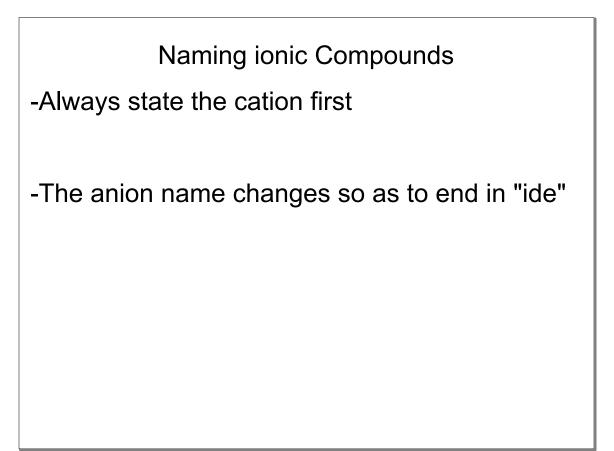
DOL: Students will be able to correctly name 4/5 compounds.

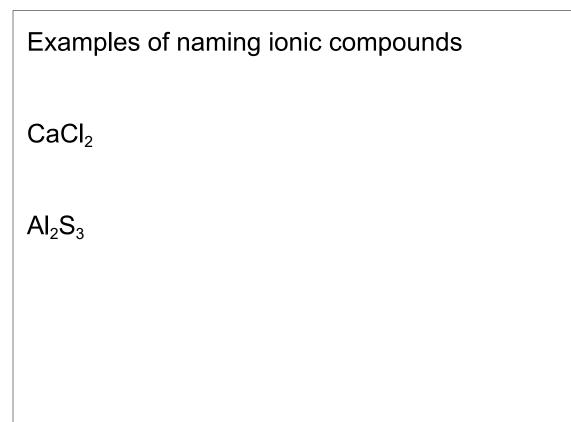
Polyatomic Ions

- Poly = more than one
- atomic = atom
- ion = +/- charge

Hence: polyatomic ion is a charged chemical species (ion) composed of two or more atoms covalently bonded

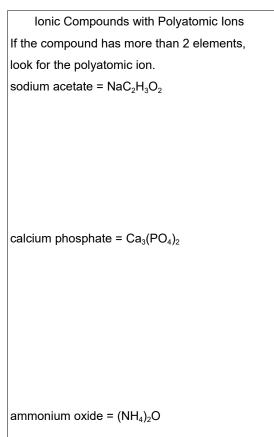




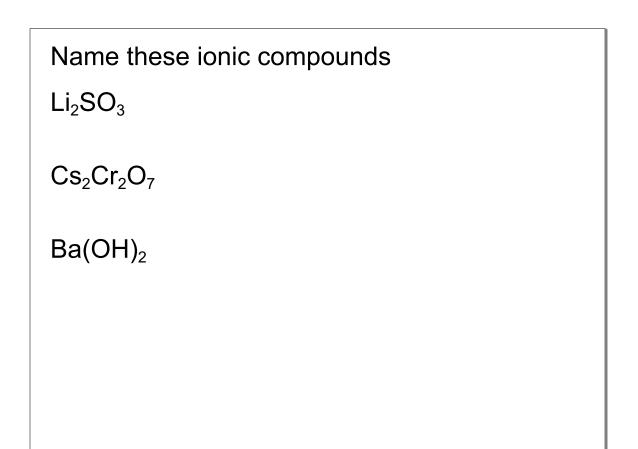


Oct 19-8:52 AM



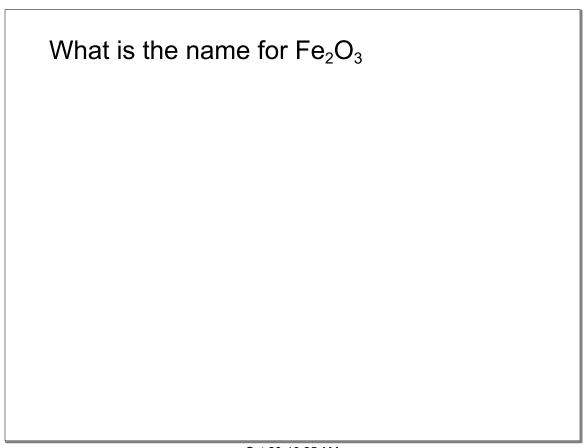


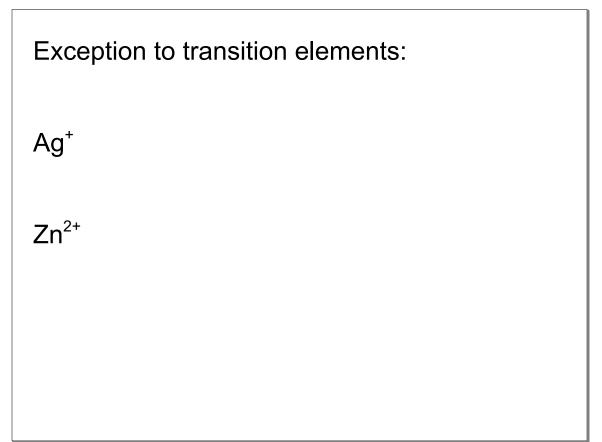
Oct 19-8:53 AM



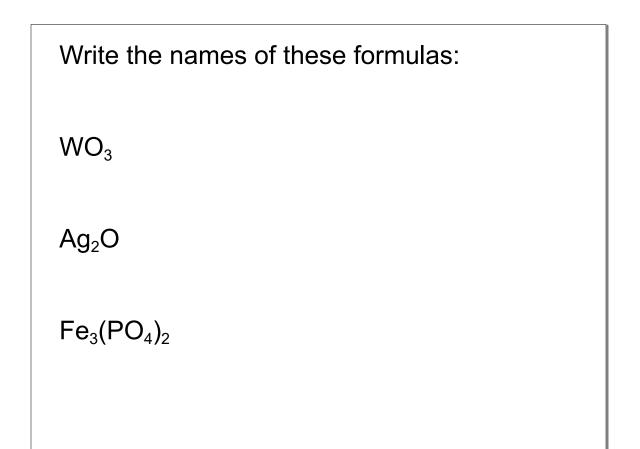
Ionic Compounds with Transition Metals -multiple oxidation states -options for the charge
iron (II) oxide Roman Numerals tell you the charge of the transitionmetal
FeO

Oct 19-9:12 AM





Oct 20-10:29 AM



lons in group 4A need to have their charges displayed in () because, like most transition elements, they too have options for their charge.

DO NOT use () for ions we know the charges of: 1A = 1+, 2A = 2+, 3A = 3+5A = 3-, 6A = 2-, 7A = 1-Zn = 2+, Ag = 1+