

**Stock System of Naming Compounds**  
Mostly for Transition Metal Compounds!!!

<b>Formula</b>	<b>Metal Ion Charge</b>	<b>Stock System Name</b>
CuO		
Co(OH) <sub>3</sub>		
Cr(SO <sub>4</sub> ) <sub>3</sub>		
Fe <sub>2</sub> O <sub>3</sub>		
CuBr		
Cu(NO <sub>3</sub> ) <sub>2</sub>		
MnSO <sub>4</sub>		

<b>Stock System Name</b>	<b>Chemical Formula</b>
iron (II) chloride	
zinc (II) sulfate	
gold (III) oxide	
platinum (IV) nitrate	
cobalt (II) hydroxide	
silver (I) sulfide	

## Double Replacement Reactions

- The ions are switched or exchanged with each other.
- Homecoming Dance Reaction
- Ionic charges do NOT change

Write the names of the products and the balanced molecular equation for these double replacements.

