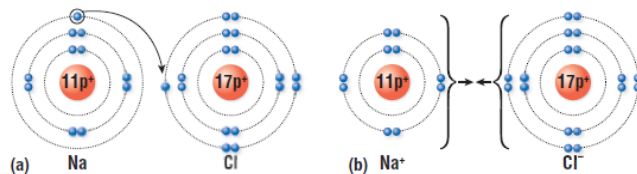


Topic 3: Ionic Compounds

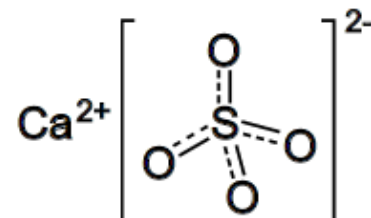


Compounds made up of _____ and _____

Binary Compound:

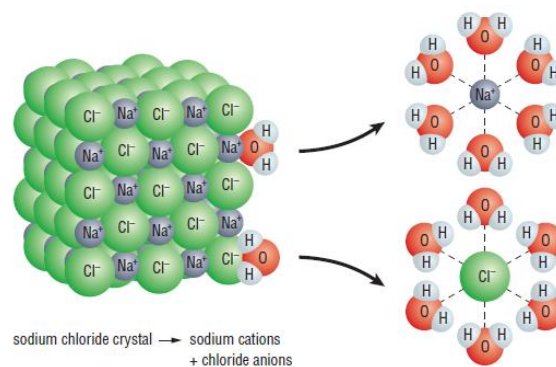


Polyatomic Compound:



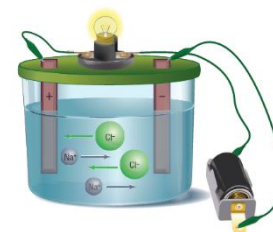
Ionic Bond:

Properties of Ionic Compounds:



Naming Ionic Compounds:

1. **CATION**



2. **ANION**

BeF ₂	
Fe ₃ P ₂	
Al ₂ O ₃	
K ₂ S	
SnCO ₃	
(NH ₄) ₂ SO ₄	

Writing Formulas for Ionic Compounds:

Crisscross Rule: ex. Beryllium nitride



copper (I) oxide

tin(II) oxide

Formulas with Polyatomic Ions:

- 1.
- 2.
- 3.

calcium sulfide	
sodium nitrate	
aluminum phosphate	
Iron (III) carbonate	
ammonium carbonate	