

Naming Ionic Compounds

Unit 3: Ionic Bonding

Binary Cmpds - 2 monatomic ions

metal
(cation)

+

nonmetal “-ide”
(anion)



+



calcium phosphide

Compounds with polyatomic ions

metal
(cation)

+

nonmetal
(anion)

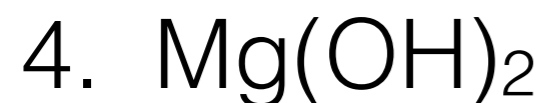


+



calcium hydroxide

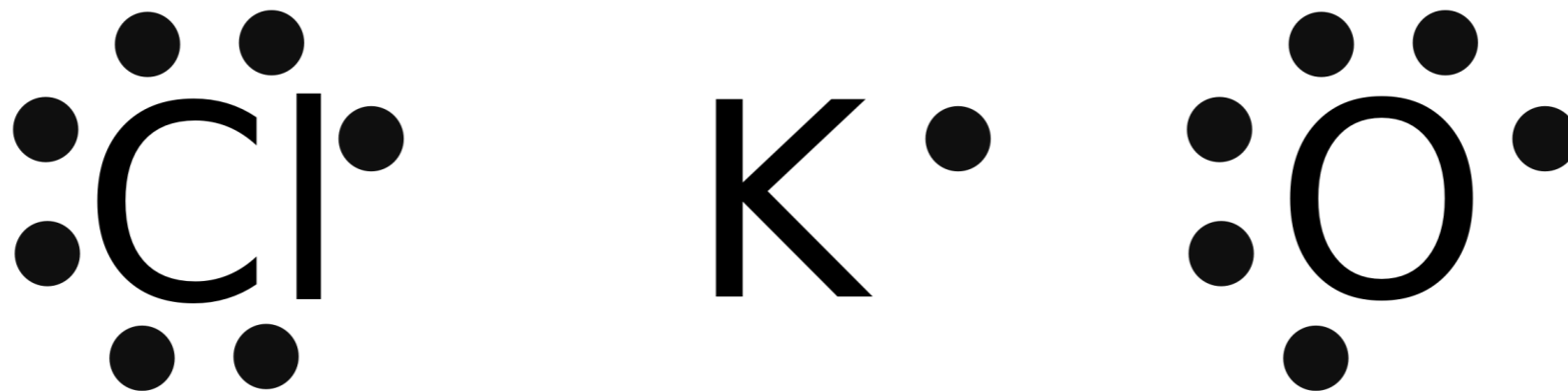
Name the ionic compounds
(use the back of your periodic table):



Complete in class!
Leave 1 line under each
example.

Electron-dot structures:

The use of dots to represent an atom's valence electrons.



Put your dots in better positions :)

Practice

Electron-dot structures can be used to show the formation of ionic bonds:

Ex 1. K + Cl

To be completed in class!
(Leave 2-3 lines underneath)

Practice

Electron-dot structures can be used to show the formation of ionic bonds:

Ex 2. Na + O

To be completed in class!
(Leave 2-3 lines underneath)