

4.2 Naming & Formulas of Ionic & Covalent Compounds (E) Notes

Intro: Ions

Why? "Octet Rule" & Valence Electrons

Ionic Compounds

Naming

If there are 2:

Cation

Anion

If there are 3:

*Look for the _____
(You can use your sheet!)

KNO_3

NH_4F

Formula

Rule: must have same # of _____ and _____

What does the formula mean?

More Practice (on pg _____)

Special Rule:
Roman Numerals and the d-block

Covalent Compounds

Formula

Prefix	# of Atoms
	1**
	2
	3
	4
	5

**Special rule for the first atom:

Why do we *not* use positives & negatives?

Naming

**First

Second

More Practice (on page _____)

Question: How do I know whether something is Ionic or Covalent?