

Unit 4: Ch 8 – Nomenclature: Acids & Bases

ACIDS:

➤ DEFINITION –

- However, acids are formed by _____, **NOT** ionic.

➤ FORMULA OF ACIDS:

- _____
 - $n =$ _____ \rightarrow _____ compound
 - $X =$ _____ atomic OR _____ atomic _____
 - Method: _____

➤ NOMENCLATURE: ACIDS

- 1. _____ + _____ **ANION**
 - Name: Use prefix _____
 - Name: Anion suffix ends in _____ + _____
 - Ex) _____ \rightarrow _____ \rightarrow _____
 - Ex) _____ \rightarrow _____ \rightarrow _____
- 2. _____ + _____ **ANION** with _____ ending
 - _____ prefix
 - Name: Anion suffix ends in _____ + _____
 - _____ \rightarrow _____ + _____
 - Ex) _____ \rightarrow _____ \rightarrow _____
 - Ex) _____ \rightarrow _____ \rightarrow _____

○ 3. _____ + _____ **ANION** with _____ ending

▪ _____ prefix

▪ Name: Anion suffix ends in _____ + _____

▪ _____ → _____ + _____

• Ex) _____ → _____ → _____

• Ex) _____ → _____ → _____

BASES:

➤ **DEFINITION** –

➤ **NOMENCLATURE: BASES**

○ 1. Formula: Metal _____ + _____

○ 2. Name: _____ + _____

○ 3. Method: _____

▪ Ex) _____ → _____ → _____

▪ Ex) _____ → _____ → _____

▪ Ex) _____ → _____ → _____

▪ Ex) _____ → _____ → _____