Guided Notes for Naming Video

1.A metal produces what type of ions \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2.A nonmetal produces what type of ion\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3.What are the three types of Compounds? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.***Binary I compounds consist of a*** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5.When naming **Binary 1** compounds:

1. What element goes first
2. how is the metal named
3. How is the nonmetal named

Give an example

6.Give the prefix for the following numbers.

One\_\_\_\_\_\_\_\_\_\_\_\_ Two\_\_\_\_\_\_\_\_\_\_\_\_\_ Three\_\_\_\_\_\_\_\_\_\_\_\_\_ Four \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Five\_\_\_\_\_\_\_

Six \_\_\_\_\_\_\_\_\_\_\_\_\_ Seven\_\_\_\_\_\_\_\_\_\_\_\_ Eight\_\_\_\_\_\_\_\_\_\_\_\_\_ Nine\_\_\_\_\_\_\_\_\_\_\_\_\_ Ten\_\_\_\_\_\_\_\_\_\_\_

7.***Binary II compounds consist of a***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8.When naming **Binary II** compounds:

1. how is the first nonmental named
2. how is the second nonmental named
3. Give an example

9.***Ternary compounds consist of***:

**(A)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

how is the Metal (cation) named

how is the Polyatomic ion named

Give an example of this type of compound

**(B)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

how is the first Polyatomic ion named

how is the second Polyatomic ion named

Give an example of this type of compound

**(C)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

how is the first Polyatomic ion name

how is the Nonmetal (anion) named

Give an example of this type of compound