

Science 9-Chemistry

Activity 3C Looking At Compounds



10

Name _____

Due Date _____

Show Me Hand In

Correct and Hand In Again By _____

Purpose:

To look at samples of eight common compounds and describe them:

Chemical Name	Common Name	Formula	Description	Use

Questions – Answer in FULL SENTENCES!

1. What properties do these compounds have in common?

2. What type of element (metal or non-metal) is given first in the name of the compound?

3. a) What type of element (metal or non-metal) has its name changed?

b) **How** is the name of this element changed?

4. Use your answer to questions 2 and 3 to complete the following word equations:
 - a) iron + fluorine →
 - b) magnesium + oxygen →
 - c) nickel + iodine →

5. Suggest general rules for naming compounds with metals and non-metals based on what you have learned in this activity.