

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
IPC

Warm up 66

**Describe:**

binary –

ionic compound –

covalent compound –

**Write** the formulas for the following compounds.

\_\_\_\_\_ ammonium phosphate

\_\_\_\_\_ carbon monoxide

\_\_\_\_\_ strontium chlorate

\_\_\_\_\_ calcium nitrate

\_\_\_\_\_ lithium hydroxide

\_\_\_\_\_ chromium(III) sulfate

\_\_\_\_\_ nitrogen trifluoride

\_\_\_\_\_ ammonia

\_\_\_\_\_ diselenium diiodide

\_\_\_\_\_ nickel (II) iodide

\_\_\_\_\_ carbon dioxide

\_\_\_\_\_ ammonium carbonate

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**Write the best term for the following statements.**

\_\_\_\_\_ 1. the smallest particle of a covalent compound

\_\_\_\_\_ 2. the symbolic representation of atoms in an ionic compound

\_\_\_\_\_ 3. a symbolic representation of a compound

\_\_\_\_\_ 4. a small number used to indicate the number of atoms or ions in a compound

\_\_\_\_\_ 5. the charge an atom is assumed to have in an ion or compound

\_\_\_\_\_ 6. a chemical formula that represents one molecule of a compound

\_\_\_\_\_ 7. the smallest unit of an ionic compound

**Write** the formulas for the following compounds.

\_\_\_\_\_ calcium chloride

\_\_\_\_\_ dinitrogen tetroxide