

## Section 4.2

# Names and Formulas of Compounds

## Before You Read



### 1. Words to Know

Directions: Match the correct definition to the term on the left.  
Scan pages 184 – 197 to find the definitions.

| Words to Know                | Definition   |
|------------------------------|--|
| ___ binary covalent compound | A. the small number written below the symbol of an element, such as the <sub>3</sub> in Na <sub>3</sub> P                                |
| ___ ionic compounds          | B. an ion composed of more than one type of atom joined by covalent bonds; the entire ion has a charge ie. CO <sub>3</sub> <sup>2-</sup> |
| ___ polyatomic               | C. compounds that contain two non-metal elements joined together by sharing electrons  |
| ___ subscript                | D. compounds that are composed of positive ions and negative ions; a cation and an anion transfer electrons                              |

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## 2. Predicting the Main Ideas of Section 4.2

Directions: Scan pages 184 – 197 looking at the pictures and titles within this section. Predict five things you think you will learn in this section.

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2. \_\_\_\_\_  
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3. \_\_\_\_\_  
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5. \_\_\_\_\_  
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