

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

Warm Up 59

IPC

**Directions:** Determine the number of atoms for each element in the following compounds.

SF<sub>6</sub> \_\_\_\_\_ sulfur atoms  
\_\_\_\_\_ fluorine atoms

Cl<sub>2</sub>O<sub>7</sub> \_\_\_\_\_ chlorine atoms  
\_\_\_\_\_ oxygen atoms

TiCl<sub>4</sub> \_\_\_\_\_ titanium atoms  
\_\_\_\_\_ chlorine atoms

CuI<sub>2</sub> \_\_\_\_\_ copper atoms  
\_\_\_\_\_ iodine atoms

Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> \_\_\_\_\_ calcium atoms  
\_\_\_\_\_ phosphorus atoms  
\_\_\_\_\_ oxygen atoms

SO<sub>2</sub> \_\_\_\_\_ sulfur atoms  
\_\_\_\_\_ oxygen atoms

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**DESCRIBE** the following:

binary compound –

**WRITE** the following roots.

H = \_\_\_\_\_ B = \_\_\_\_\_ C = \_\_\_\_\_ N = \_\_\_\_\_ O = \_\_\_\_\_

F = \_\_\_\_\_ P = \_\_\_\_\_ S = \_\_\_\_\_ Cl = \_\_\_\_\_ Br = \_\_\_\_\_

**WRITE** the following numeric prefixes.

\_\_\_\_\_ one \_\_\_\_\_ two \_\_\_\_\_ three \_\_\_\_\_ four \_\_\_\_\_ five

\_\_\_\_\_ six \_\_\_\_\_ seven \_\_\_\_\_ eight \_\_\_\_\_ nine \_\_\_\_\_ ten