

**CHM 110 Practice Set 2**  
**Nomenclature and Balancing**

**Balance each equation. Write the coefficients for each substance in the blanks. If the coefficient is a "1", leave the blank empty.**



**Write the chemical formula of each compound.**

3) \_\_\_\_\_ perchloric acid

4) \_\_\_\_\_ carbon disulfide

5) \_\_\_\_\_ dinitrogen pentoxide

6) \_\_\_\_\_ copper(II) phosphate

7) \_\_\_\_\_ calcium bicarbonate

**Write the chemical name of each compound. [4 points each]**

8) \_\_\_\_\_  $\text{H}_2\text{CO}_3$ 9) \_\_\_\_\_  $\text{CaO}$ 10) \_\_\_\_\_  $\text{FeCO}_3$ 11) \_\_\_\_\_  $\text{NCl}_3$ 12) \_\_\_\_\_  $\text{HC}_2\text{H}_3\text{O}_2$