

# NUMBER OF ATOMS IN A FORMULA

Name \_\_\_\_\_

Determine the number of atoms in the following chemical formulas.

- |  | <u>Atoms</u> |
|--|--------------|
| 1. NaCl  | _____        |
| 2. H <sub>2</sub> SO <sub>4</sub>                  | _____        |
| 3. KNO <sub>3</sub>                                | _____        |
| 4. CaCl <sub>2</sub>                               | _____        |
| 5. C <sub>2</sub> H <sub>6</sub>                   | _____        |
| 6. Ba(OH) <sub>2</sub>                             | _____        |
| 7. NH <sub>4</sub> Br                              | _____        |
| 8. Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> | _____        |
| 9. Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> | _____        |
| 10. Mg(NO <sub>3</sub> ) <sub>2</sub>              | _____        |

- |  | <u>Elements</u> |
|--|-----------------|
| 11. Cu(NO <sub>3</sub> ) <sub>2</sub>                              | _____           |
| 12. KMnO <sub>4</sub>  | _____           |
| 13. H <sub>2</sub> O <sub>2</sub>                                  | _____           |
| 14. H <sub>3</sub> PO <sub>4</sub>                                 | _____           |
| 15. (NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub>                | _____           |
| 16. Fe <sub>2</sub> O <sub>3</sub>                                 | _____           |
| 17. NaC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>                 | _____           |
| 18. Mg(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> | _____           |
| 19. Hg <sub>2</sub> Cl <sub>2</sub>                                | _____           |
| 20. K <sub>2</sub> SO <sub>3</sub>                                 | _____           |

\* #Elements - Count Capital letters  
 # Atoms - Count Subscripts

# BALANCING EQUATIONS

Name \_\_\_\_\_

Balance the following chemical equations.

