

NUMBER OF ATOMS IN A FORMULA

Name _____

Determine the number of atoms in the following chemical formulas.

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

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

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

BALANCING EQUATIONS

Name _____

Balance the following chemical equations.

