|  |  |  |  |
| --- | --- | --- | --- |
| PRIOR KNOWLEDGE Reactions | | | |
| **TOPIC** | **NOTES ON TOPIC** | **PRACTICE EXAMPLE(S)** | |
| Common Ions |  | What is the formula for Carbonate? | What is the name of PO33-? |
| Cation vs Anion |  | What charge does Sr like to make? Is it a cation or anion? | What charge does Al like to make? Is it a cation or anion? |
| Metals vs Non-metals |  | Is Rb a metal or non-metal? | Is Br a metal or a non-metal? |
| Types of Bonds |  | What type of bond is present in CH4? | What type of bond is present in Ca(OH)2? |
| Writing Neutral Compounds (crossing over) |  | What is the formula for Calcium Phosphate? | What is the formula for Barium Oxide? |
| Naming Ionic Compounds |  | Name Mg(OH)2 | Name Fe2O3 |
| Naming Covalent Molecules |  | Name N2O5 | Name NO |
| Counting how many atoms are in a formula |  | How many Hydrogen atoms are in Ca(OH)2? | 5Ga(OH)3 |