

|                  |                    |                   |                     |                                |
|------------------|--------------------|-------------------|---------------------|--------------------------------|
| <b>B</b>         | <b>I</b>           | <b>N</b>          | <b>G</b>            | <b>O</b>                       |
| Transition Metal | -1                 | 2                 | Dinitrogen Monoxide | P and Cl                       |
| MnS              | Covalent Bond      | Tetra             | Nona                | -3                             |
| Oxide            | Shared Electrons   | <b>FREE</b>       | Two Metals          | Ba <sub>3</sub> N <sub>2</sub> |
| Non-Polar        | Lewis-Dot Diagrams | Magnesium Sulfide | Polyatomic Ion      | Metallic Bond                  |
| Oxidation Number | Salts              | Metalloid         | Ionic Bond          | Lithium Hydroxide              |

|                  |                         |                   |                    |                                |
|------------------|-------------------------|-------------------|--------------------|--------------------------------|
| <b>B</b>         | <b>I</b>                | <b>N</b>          | <b>G</b>           | <b>O</b>                       |
| Hydrogen         | NH <sub>4</sub> Br      | Magnesium Sulfide | Hexa               | BaSO <sub>4</sub>              |
| BeF <sub>2</sub> | Nobel-Gas Configuration | Mono              | Metalloid          | Aluminum Phosphide             |
| Shared Electrons | Penta                   | <b>FREE</b>       | Lewis-Dot Diagrams | Ba <sub>3</sub> N <sub>2</sub> |
| Tetra            | -3                      | Two Metals        | Sodium Sulfide     | -2                             |
| Non-Polar        | P and Cl                | Lithium Hydroxide | Metal & Nonmetal   | D-Block                        |

|                         |                  |                    |                                |                   |
|-------------------------|------------------|--------------------|--------------------------------|-------------------|
| <b>B</b>                | <b>I</b>         | <b>N</b>           | <b>G</b>                       | <b>O</b>          |
| Hepta                   | Sodium Sulfide   | Octa               | Two Metals                     | Penta             |
| Oxide                   | Nona             | Polyatomic Ion     | Ba <sub>3</sub> N <sub>2</sub> | BeO               |
| Opposite Charges        | Mono             | <b>FREE</b>        | Covalent Bond                  | Oxidation Number  |
| NaCl                    | -2               | Lewis-Dot Diagrams | 2                              | MnS               |
| Nobel-Gas Configuration | Transition Metal | BaSO <sub>4</sub>  | Zero                           | Valence Electrons |