**Bonding Practice | Formula 🡪 Name** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each, identify the compounds as ionic or covalent. If ionic, also check for multivalent metals or polyatomic ions. Before completing the last column, get a teacher sign off.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Teacher Sign Off | | | |
|  |  | | |  |
| **Symbol** | Ionic or Covalent? | Multivalent? | Polyatomic? | **Name** |
| AgCl |  |  |  |  |
| NiS |  |  |  |  |
| NF3 |  |  |  |  |
| Ba(OH)2 |  |  |  |  |
| FeSO4 |  |  |  |  |
| Si2Br6 |  |  |  |  |

**Bonding Practice | Name 🡪 Formula** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each, identify the compounds as ionic or covalent. If ionic, also check for multivalent metals or polyatomic ions. Before completing the last column, get a teacher sign off.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Teacher Sign Off | | | |
|  |  | | |  |
| **Name** | Ionic or Covalent? | Multivalent? | Polyatomic? | **Symbol** |
| Lead (IV) Oxide |  |  |  |  |
| Dinitrogen Trioxide |  |  |  |  |
| Copper (II) Nitrate |  |  |  |  |
| Chlorine Dioxide |  |  |  |  |
| Aluminum Chloride |  |  |  |  |
| Sodium Phosphate |  |  |  |  |