**Dougherty Valley HS AP Chemistry Name:**

**VSEPR Activity Data Table Date:**

**Period:**

**Directions**: Fill in the data table below and insert any images that are requested. Only hand drawn images will be accepted.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Data Table [**youfill in title**]:** | | | | | | |
| **Molecular Formula** | **Lewis Structure**  **(Only 1 if resonance)**  Drawn and insert photo for each | **VSEPR Formula**  **(AXE)**  Use subscripts | **Shape**  **Molecular Geometry &**  **(electronic)**  2 words are needed, put electronic geometry in ( ) | **Bond Angle(s)**  **(approx.)**  if more than one, include all | **Polar (P) or Nonpolar (NP)** | **Hybridization**  Use superscripts if needed |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Insert all 32 images of your constructed models with candy below, one from a TOP VIEW and one from a SIDE VIEW in the same box. Pictures should be no larger than approximately 2”x2”. Be sure to label each box with the images.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |