Electron-dot, Shape, and Polarity WKST Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chem 332 – O’Dette Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_

Directions: Fill out the chart below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Electron-dot | Shape | Polarity of Bond | Polarity of Molecule |
| 1. P |  |  |  |  |
| 2. H2S |  |  |  |  |
| 3. PH3 |  |  |  |  |
| 4. CF4 |  |  |  |  |
| 5. SiO2 |  |  |  |  |
| 6. BCl3 |  |  |  |  |

7. Write the resonance electron dot for NO21-