

NAME_____

Given: NH_3

- 1) Draw the electron dot (Lewis) structure of this molecule. (3pts)

- 2) Draw the three dimensional structure of this molecule using lines & wedges.(2pts)

CIRCLE the correct answer. (5pts)

- 3) Name of shape? angular, pyramidal, linear, tetrahedral
- 4) Symmetry of shape? symmetrical , asymmetrical
- 5) Type of bonds? polar covalent , nonpolar covalent
- 6) Type of molecule? Dipole , Nondipole
- 7) Polarity of molecule? Polar molecule , Nonpolar molecule

NAME _____

Given: CO_2

- 1) Draw the electron dot (Lewis) structure of this molecule. (3pts)

- 2) Draw the three dimensional structure of this molecule using lines & wedges.(2pts)

CIRCLE the correct answer. (5pts)

- 3) Name of shape? angular, pyramidal, linear, tetrahedral
- 4) Symmetry of shape? symmetrical , asymmetrical
- 5) Type of bonds? polar covalent , nonpolar covalent
- 6) Type of molecule? Dipole , Nondipole
- 7) Polarity of molecule? Polar molecule , Nonpolar molecule