

Dots, Dots & More Dots HW

Read and outline (Cornell style) **Section 9.3** in your chemistry textbook. Then answer the following assessment questions:

1. Hydrogen is an example of an element that forms one bond. Which other elements form one bond? Explain.
2. Using Lewis Dot Structures and the octet rule, draw all the stable molecules with the molecular formula C_3H_8O . (Hint: There are 3 molecules total.)
3. Draw the Lewis Dot Structures for the following molecules:
 - a) NH_3
 - b) CH_4
 - c) H_2O
 - d) CH_2Cl_2
 - e) CH_3OH
 - f) CH_3NH_2
 - g) CH_2O
 - h) SiH_3PH_2
 - i) $HSiP$
 - j) H_2P_2