

Chapter 10 SI

1. List and describe the steps used to draw a Lewis Dot Structure:

a.

b.

c.

d.

e.

f.

g.

2. Draw the Lewis dot structure for the following:

a. H_2CO

b. SO_3

c. NaCl

3. Describe and give an example of Resonance:

4. What is the VESPR theory:

5. Draw the following shapes of molecules:

Linear	
Trigonal Planar	
Tetrahedral	
Bent	

6. What is the difference between electron and molecular geometry?