

Unit 5: WS #3

Name: _____

Period: _____

In Class

Draw lewis digrams and build the following molecules

Lewis diagram	Polar (Y or N)	Resonance	Stamp
NH_3			
CH_4			
C_2H_2			
C_4H_{10}			
$\text{C}_4\text{H}_7\text{OH}$			

Book work (start on page 423)

Define or draw pictures of the following

Linear structure

Bent structure

Trigonal structure

Tetrahedral structure

What is meant by VSEPR

What kind of angles form when

2 pairs of electrons are shared

3 pairs of electrons are shared

4 pairs of electrons are shared

What are the steps for predicting a molecular model using VSEPR

1

2

3

4