

### POLARITY OF MOLECULES

Name \_\_\_\_\_

Determine whether the following molecules are polar or nonpolar.

1. $N_2$	7. HF
2. $H_2O$	8. $CH_3OH$
3. $CO_2$	9. $H_2S$
4. $NH_3$	10. $I_2$
5. $CH_4$	11. $CHCl_3$
6. $SO_3$	12. $O_2$

### SHAPES OF MOLECULES

Name \_\_\_\_\_

For each of the following, give the:  
• VSEPR  
• Dot Diagram  
• Molecular Geometry

1. $N_2$	7. HF
2. $H_2O$	8. $CH_3OH$
3. $CO_2$	9. $H_2S$
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Name \_\_\_\_\_

Period \_\_\_\_\_

### More Lewis Dot Diagrams I

For each of the following, determine the N,A,S numbers, draw the Dot Diagram and determine the Molecular Geometry.



Name \_\_\_\_\_

Period \_\_\_\_\_

### Lewis Structures Practice Worksheet

Draw the Lewis structures for the following compounds: For each give the N,A,S numbers, dot diagram & molecular geometry.

