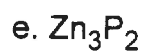
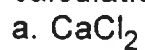


6. Using the ELECTRONEGATIVITIES TABLE on pg 333 identify what type of bond is holding together the atoms in the following compounds (show your calculations)

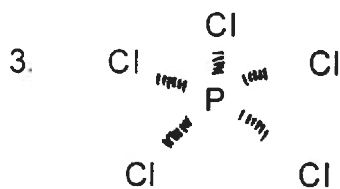


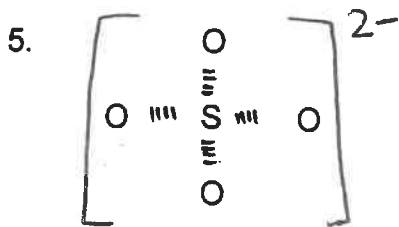
Part II LEWIS DOT STRUCTURES

1. For the following compounds:

a. Be sure to calculate the total number of valence electrons

b. Draw the Lewis Dot Structures



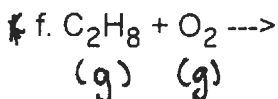
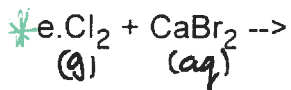
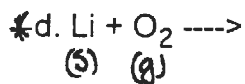
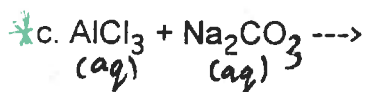
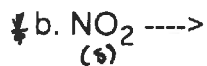
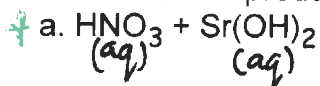


Part III Types of Chemical Reactions

1. List the SIX TYPES of chemical reactions and give a Balanced example for each

Part IV Predicting Products

1. Predict the products of the following reactions and then balance it: (include phases)



Part V Endothermic and Exothermic Reaction

1. Draw a Energy Diagram for

a. an ENDOTHERMIC Reaction

b. an EXOTHERMIC Reaction

2. What is the formula for calculating ΔH ?

3. In an endothermic reaction, do you have to add or remove energy in order for the products to form?

4. For the following equations what would the ΔH value be?

