

1. Name the following compounds



2. Write the formulas for compounds from the following elements/ions

a. aluminum & nitrogen

b. zinc & oxide

c. oxygen & fluorine

d. sulfite & gallium

3. Draw Lewis structures and calculate formal charge for each atom in the structure.



4. For the following, draw the Lewis structures and the resonance structure



5. Draw the Lewis structure, write the VSEPR and geometric structure for the following

