

**Ch4/PowerPoint Study-1Electrolytes and Precipitation Reactions Name:**

*Answer these questions as you are watching the videos. They are due in class.*

*These questions are not just for you to answer but also to prepare you for the exam.*

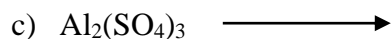
*Make sure you understand what you are writing and not just copy from the text book. **Show all work.***

1. Circle the compounds below that will dissociate to give ions in water. (Hint: think which one will give ions in solution. Ionic compound ionize – what about HCl?)



2. For the compounds above, write which will be an electrolyte.

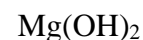
3. Write the equation that shows dissociation and the ions produced in the following compounds.



4. Which of the following compounds are acids and which are bases? And which is neither?



5. Look at the solubility guidelines and predict if the following compounds will be soluble in water.



6. Write the molecular, ionic and net ionic equation for the reaction between copper (II) sulfate and barium chloride.

Molecular:

Ionic:

Net Ionic: