Unit 1 Inorganic Reactions

Write full equations for these reactions;

1. Thermal decomposition of calcium carbonate
2. Magnesium oxide and hydrochloric acid
3. Sodium carbonate and nitric acid
4. Zinc and sulphuric acid
5. Calcium hydroxide and hydrochloric acid

Write ionic equations for these reactions, **including state symbols**

1. Sodium hydroxide solution and copper sulfate solution
2. Lead nitrate solution and sodium ethanaote solution (NaCH3COO(aq))
3. Potassium sulfate solution and barium chloride solution.
4. Chlorine solution and potassium bromide solution
5. Zinc and cobalt(II) sulfate (CLUE: Zn is more reactive than Co)