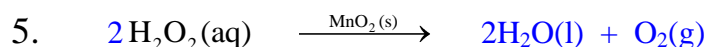
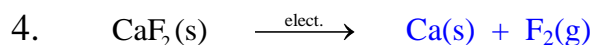
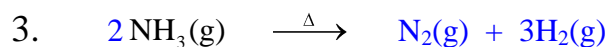
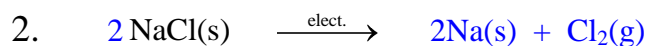
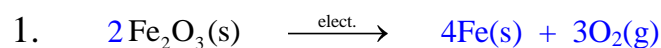
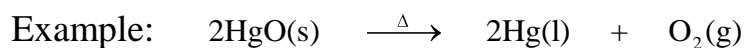
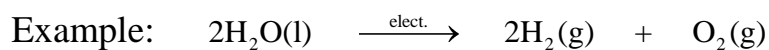
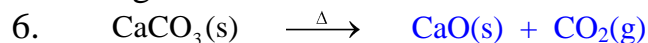


Decomposition Worksheet

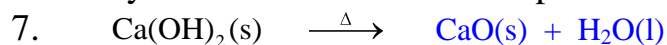
Predict the products of the reaction below. Write the balanced equation. Include the phase information. Remember, ionic compounds are usually solid. Watch out for those diatomic molecules.



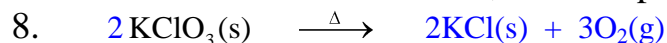
When a metal carbonate is heated, it breaks down to produce a metal oxide and carbon dioxide gas.



Metal hydroxides will often decompose when heated to yield metal oxides and water.



When a metal chlorate is heated, it decomposes to produce a metal chloride and oxygen.



Certain acids decompose into nonmetal oxides and water.

