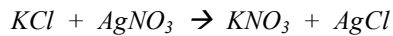
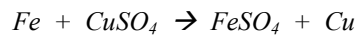


- Directions:** a) Write balanced equations for the following word equations.  
b) In the blank to the left of the equation, tell if the equation is synthesis (S), decomposition (D), combustion (C), single replacement (SR), or double replacement (DR).

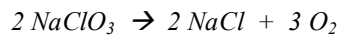
1. DR potassium chloride + silver nitrate yields potassium nitrate + silver chloride



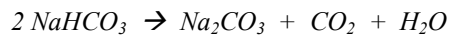
2. SR iron metal + copper (II) sulfate yields iron (II) sulfate + copper metal



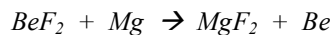
3. D sodium chlorate yields sodium chloride + oxygen gas



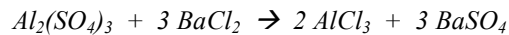
4. D sodium bicarbonate yields sodium carbonate + carbon dioxide + water



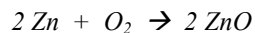
5. SR beryllium fluoride + magnesium yields magnesium fluoride + beryllium



6. DR aluminum sulfate + barium chloride yields aluminum chloride + barium sulfate



7. S zinc metal + oxygen gas yields zinc oxide



8. C ethane + oxygen gas yields carbon dioxide and water

