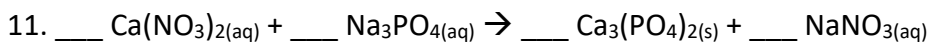
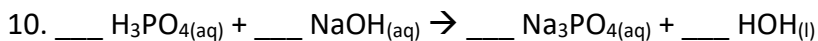
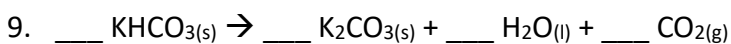
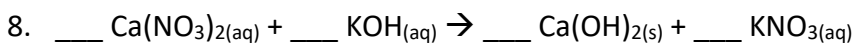
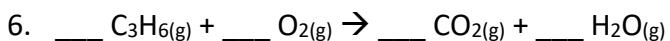
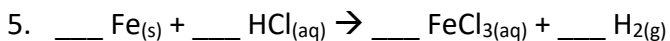
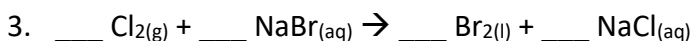
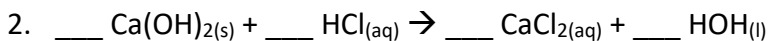
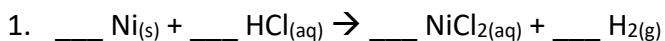


Part 1: Balance each of the reactions AND state which reaction type it is.



Part 2: Write balanced equations for the following word equations. Then, state the type of reaction.

1. potassium chloride + silver nitrate \rightarrow potassium nitrate + silver chloride
2. aluminum hydroxide + sodium nitrate \rightarrow aluminum nitrate + sodium hydroxide
3. iron metal + copper(II) sulfate \rightarrow iron(II) sulfate + copper metal
4. aluminum metal + copper(II) chloride \rightarrow aluminum chloride + copper metal
5. sodium chlorate \rightarrow sodium chloride + oxygen gas
6. calcium carbonate \rightarrow calcium oxide + carbon dioxide gas
7. zinc metal + oxygen gas \rightarrow zinc oxide
8. chlorine gas + sodium metal \rightarrow sodium chloride
9. aluminum sulfate + barium chloride \rightarrow aluminum chloride + barium sulfate
10. beryllium fluoride + magnesium \rightarrow magnesium fluoride + beryllium
11. sodium hydrogen carbonate \rightarrow sodium carbonate + carbon dioxide + water