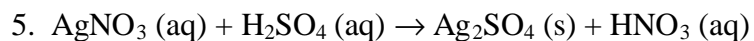
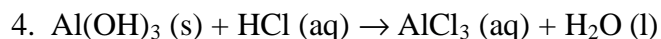
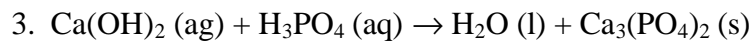
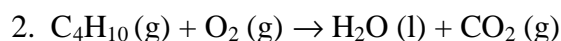
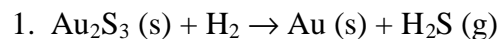


Balance the following chemical equations:



Calculations Using the Chemical Equation:

1. Alka-Seltzer uses the reaction of sodium bicarbonate (NaHCO_3) with citric acid ($\text{C}_6\text{H}_8\text{O}_7$) to produce a CO_2 fizz.



- If I have 100.0 mg of $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7$, How many grams of citric acid ($\text{C}_6\text{H}_8\text{O}_7$) was present in the Alka-Seltzer tablet?
- How much CO_2 fizz is produced?
- How many milliliters of water are produced if the density of water is 0.98 g/mL?