1. Write the net ionic equation for the precipitation reaction that occurs when aqueous solutions of calcium chloride and sodium carbonate are mixed.
2. Calculate the molarity of a solution made by dissolving 23.4 g of sodium sulfate (Na2SO4) in enough water to form 125 mL of solution.
3. How many milliliters of 3.0 *M* H2SO4 are needed to make 450 mL of 0.10 *M* H2SO4?
4. How many grams of Ca(OH)2 are needed to neutralize 25.0 mL of 0.100 *M* HNO3?