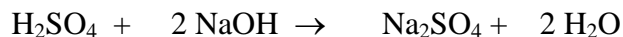
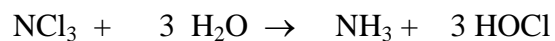


Stoichiometry Calculation Practice Worksheet

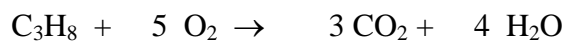
1. Calculate the number of moles of NaOH that are needed to react with 500.0 g of H₂SO₄ according to the following equation:



2. Calculate the mass of NH₃ that can be produced from the reaction of 125 g of NCl₃ according to the following equation:



3. What mass of CO₂ can be produced from the reaction of 25.0 g of C₃H₈ with 75.0 g of O₂ according to the following equation:



4. How many grams of SO_2 are produced when 152 g of CS_2 react with 48.0 g of O_2 according to the following equation:



5. When 50.0 g of MgCO_3 react completely with H_3PO_4 , as shown below, 15.8 g of CO_2 are produced. What is the percent yield for this reaction?

