

Percent Yield Practice Problems (College Prep)



25.0 g of carbon disulfide burns in the presence of oxygen to produce carbon dioxide and 40.5 g sulfur dioxide. What is the percent yield?



83.6 g of magnesium metal reacts with 279 g of titanium(IV) chloride to produce 61.3 g of titanium metal and magnesium chloride. What is the limiting reactant and percent yield?



126 g of tetraphosphorus decoxide reacts with 463 g of perchloric acid to produce a 86.1% yield of phosphoric acid and dichlorine heptoxide. What is the limiting reactant and how many grams of phosphoric acid were produced?