

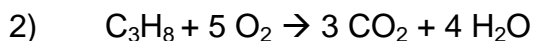
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## Percent, Actual, and Theoretical Yield



a) I began this reaction with 20 grams of lithium hydroxide. What is my theoretical yield of lithium chloride?

b) I actually produced 6 grams of lithium chloride. What is my percent yield?



a) If I start with 5 grams of  $\text{C}_3\text{H}_8$ , what is my theoretical yield of water?

b) I got a percent yield of 75%. How many grams of water did I make?



My theoretical yield of beryllium chloride was 10.7 grams. If my actual yield was 4.5 grams, what was my percent yield?



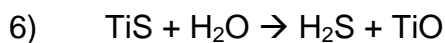
What is my theoretical yield of sodium oxide if I start with 20 grams of calcium oxide?

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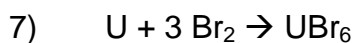


a) What is my theoretical yield of iron (II) chloride if I start with 34 grams of iron (II) bromide?

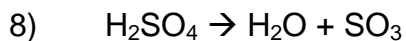
b) What is my percent yield of iron (II) chloride if my actual yield is 4 grams?



What is my percent yield of titanium (II) oxide if I start with 20 grams of titanium (II) sulfide and my actual yield of titanium (II) oxide is 22 grams?



What is my actual yield of uranium hexabromide if I start with 100 grams of uranium and get a percent yield of 83% ?



If I start with 89 grams of sulfuric acid and produce 7.1 grams of water, what is my percent yield?