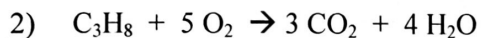


### Percent, Actual, and Theoretical Yield



a) I began this reaction with 20.0 grams of lithium hydroxide. What is my theoretical yield of lithium chloride?

b) I actually produced 6.0 grams of lithium chloride? What is my percent yield?



If I start with 5.0 grams of  $\text{C}_3\text{H}_8$ , what is my theoretical yield of water?



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

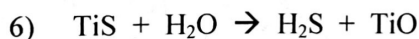


What is my theoretical yield of sodium oxide if I start with 20.0 grams of calcium oxide?

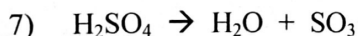


a) What is my theoretical yield of iron (II) chloride if I start with 34 grams of iron (II) bromide?

b) What is my percent yield of iron (II) chloride if my actual yield is 4.0 grams?



What is my percent yield of titanium (II) oxide if I start with 20.0 grams of titanium (II) sulfide and my actual yield of titanium (II) oxide is 22 grams?



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