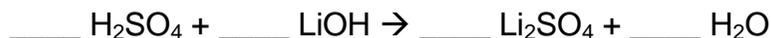


Stoichiometry Homework

- 1) How many grams of lithium sulfate will be formed when 25 grams of sulfuric acid react with an excess of lithium hydroxide in the following reaction?



- 2) How many grams of sodium acetate are required to react completely with 30 grams of iron (III) nitrate in the following reaction?



- 3) How many grams of fluorine gas will it take to convert 100 grams of C_2H_4 to $\text{C}_2\text{H}_4\text{F}_2$ using the following reaction?



- 4) Using the following reaction, how many grams of sodium bromide can be formed from 45 grams of iron (III) bromide and an excess of sodium?

