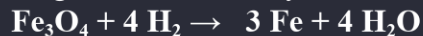


The Mole Lesson 5 Check for Understanding
Percent Yield Practice

Directions: Solve the following problems in your journal. Be sure to show all work. Use units in your final answer and round to the nearest hundredth (two places after the decimal).

1. The actual yield of iron is 3.25 g. The theoretical yield 3.50 g. What is the percent yield?

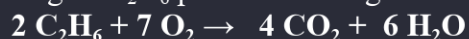


A=

T=

% yield=

2. If in the reaction 32.0 g of C_2H_6 produces 44.0 grams of CO_2 , what is the % yield?

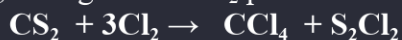


A=

T=

% yield =

3. In the reaction below, 80.0 grams of Cl_2 produces 38.0g of CCl_4 , what is the % yield?



A=

T=

% yield =

Answers: 1. 92.9 % 2. T= 93.6g %= 47.0% 3. T= 57.9g %= 65.7%