

Unit 5, Video 15: Percent Yield

1. What is theoretical yield and how is it determined?
2. What is actual yield and how is it determined?
3. Finish the formula for percent yield in the space below:

$$\frac{\text{Yield}}{\text{Yield}} \times 100 = \text{Percent Yield}$$

4. True or False: Actual yield and theoretical yield should have the same units.
5. Use the space provided to answer the question below. Be sure to show any necessary conversion factors.



Consider a combustion reaction where 4.39 grams of methane were burned in the presence of excess oxygen producing 9.02 grams of water. What is the percent yield of the reaction?