**CHE1031 FLIP 4.4: Introduction to limiting reactant and excess reactant[[1]](#footnote-1)**

**VIDEO:**

Introduction to limiting reactant and excess reactant

<https://www.youtube.com/watch?v=nZOVR8EMwRU>

**Please watch the video and then answer these questions:**

**1.** What’s cooking analogy does DeWitt use at the beginning of the video to explain the concept of limiting and excess reactants?

**2.** To determine which reactant is limiting, DeWitt compares the amount of a reactant given to  **\_\_\_\_\_\_\_\_\_\_\_\_\_** to calculate a factor.

**3.** Is the limiting reactant always the reactant you have the least of?

**4.** When starting with moles of each reactant, what does DeWitt do to determine which is limiting?

5. When calculating the amount of excess reactant that remains after the limiting reactant is used up \_\_\_\_\_\_\_\_\_\_.

(a) you must use moles

(b) you must use grams

(c) you can use either moles or mass

DeWitt has good videos for **practice with limiting reactants**. You might find it useful while doing homework or studying for exams.

<https://www.youtube.com/watch?v=Mlu_v8rE1TY>

https://www.youtube.com/watch?v=N0dTXcoHI-I

1. Video from Tyler DeWitt:

   https://www.youtube.com/watch?v=nZOVR8EMwRU [↑](#footnote-ref-1)