Steps to Solve  
***Please annotate this list to the side in your notes! It is important that you actually process it and learn it!***

1. **Determine the mass of each element present in the   
   original compound using dimensional analysis**

* C is always in CO2 in the ratio of 1 mole CO2 = 1 mole C
* H is always in H2O in the ratio of 1 mole H2O = 2 mole H
* N can be (NH3, N2, N, NO2, etc…). If data from a separate experiment, make sure to convert masses to % values!

1. **Subtract to solve for oxygen**

* Sample mass – (Cmass+Hmass+Nmass if necessary, or any other random element)

1. **Now continue with the Rhyme from before!**

* Mass to moles
* Divide by small
* Multiply until whole

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