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 CO_2 in the ratio of 1 mole CO2 = 1 mole C
- H is always in H_2O in the ratio of 1 mole H2O = 2 mole H
- N can be (NH_3, N_2, N, NO_2, etc…). If data from a separate experiment, make sure to convert masses to % values!

2) Subtract to solve for oxygen

- Sample mass – (C_{mass}+H_{mass}+$N_{\text{mass if necessary, or any other random element}}$)

3) Now continue with the Rhyme from before!

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

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