**CHE1031 Tutorial: Calculating molecular from empirical formula[[1]](#footnote-1)**

**VIDEO:**

‘Calculating molecular formula from empirical formula’ from Tyler DeWitt

<https://www.youtube.com/watch?v=J_MtVs0aBdU&list=PL3hPm0ZdYhyyWLwHs-N8En7iTuJ9jZQqr&index=3>

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

1. What information do you need to convert empirical formulas to molecular formulas?
2. List the steps to calculating molecular formula from empirical formula.
3. Do you find it easier to:
   1. Multiply the empirical weight by small numbers until you get the molecular weight?
   2. Divide the molecular weight by the empirical weight to get a factor by which you can multiply subscripts?

1. ‘Calculating molecular formula from empirical formula’ from Tyler DeWitt

   <https://www.youtube.com/watch?v=J_MtVs0aBdU&list=PL3hPm0ZdYhyyWLwHs-N8En7iTuJ9jZQqr&index=3> [↑](#footnote-ref-1)