Draw structural formula (Level 1) exam tips

• Know the order of naming carbon compounds aka the different homologous series- no excuses!

1 carbon atom - *meth*

2 carbon atoms - *eth*

3 carbon atoms - *prop*

4 carbon atoms - *but*

5 carbon atoms - *pent*

6 carbon atoms - *hex*

7 carbon atoms - *hept*

8 carbon atoms - *oct*

(use the mnemonic **m**onkeys **e**at **p**eeled **b**ananas...)

• Every C atom must have 4 bonds from it

• Be sure to add in the H atoms

• Draw neat diagrams of a sensible size

• Show at least 2 monomers in your polymer diagrams

• Remember to add in the “H’s”

• An alcohol has a SINGLE bond from the carbon atom to the oxygen atom and another single bond from

 the oxygen atom to the hydrogen atom, like so… C-O-H

• Have you added in HYDROGEN atoms? This is a common student error, please don’t make this mistake

Also…”don’t be daft”

Be sure to get heaps of practice drawing structural diagrams

Don’t bother learning/drawing/naming any extras this year, stick with what is required “*ethene, propene, methanol, ethanol, alkanes which contain no more than eight carbon atoms,”* that is it!

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