Structural formula (Level 3) exam tips: Read these please!

• Learn the functional groups, no excuses!

• Remember to add in the H atoms

• Draw the expanded structural formula, the correct number of bonds is so much easier for you to see

• If writing the condensed structural formula, be careful! aldehydes MUST be written as CHO

eg propanal the aldehyde is written as C2H5CHO whereas propanone the ketone is CH3COCH3  
• Link the functional groups correctly (see the example in isomer exam tips below)

Also…”don’t be daft”

Ensure that you show correct atom CONNECTIVITY when drawing expanded structural formulas

*eg alcohols: the C atom directly bonded to the O atom of the OH as opposed to the H atom of OH*

Remember to draw in the HYDROGEN atoms

Count to FOUR, every carbon atom must have FOUR bonds from it

© 2018 <https://www.chemical-minds.com>