Isomers (Level 3) exam tips: Read these please!

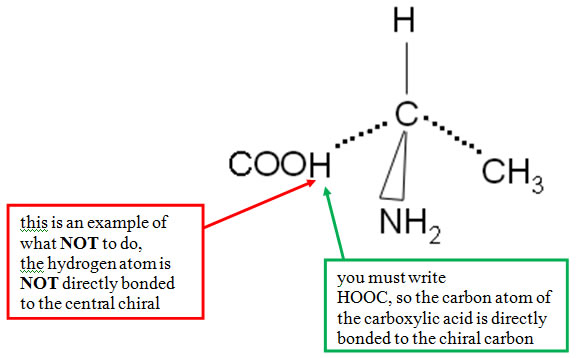
• Practise drawing 3D diagrams of enantiomers

• Be able to recall that enantiomers have a chiral carbon atom, meaning there are 4 different atoms or groups of atoms around the central carbon atom

and recall that enantiomers will rotate plane polarised light

*either: x degrees to the left (levorotatory) or the mirror image: x degrees to the right (dextrorotatory)*

• Be careful when drawing enantiomers, the COOH may need to be drawn as HOOC, see the diagram below

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Also…”don’t be daft”

reflect, refract and ROTATE have very different meanings

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