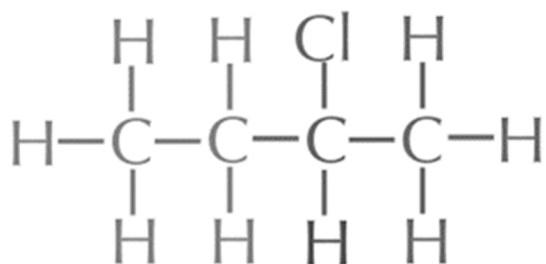


QC4 – Optical Isomerism

1. What is optical isomerism?

2. Explain what is meant by the term 'chiral'.

3. Identify the chiral carbon atom and name this molecule.



Name:

4. What is a racemic mixture?

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5. Explain why a racemic mixture is not 'optically active'.

6. Optical isomers can be _____ because they can _____ light in _____ directions.

7. Draw the enantiomer of the following molecule.

