

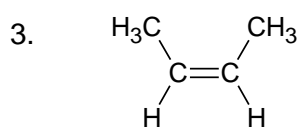
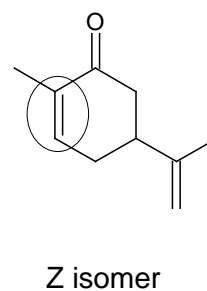
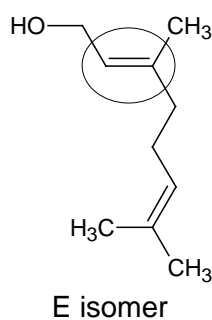
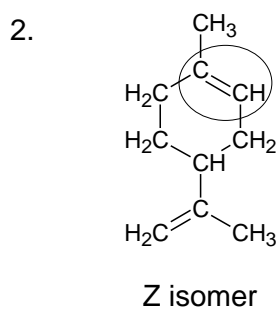
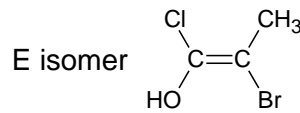
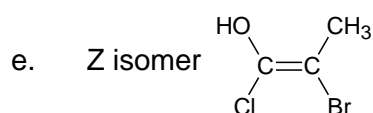
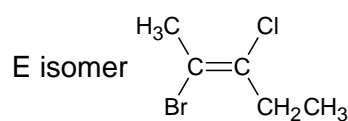
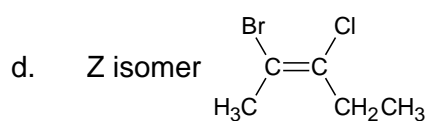
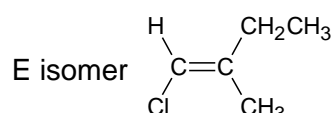
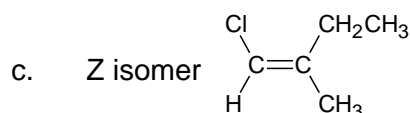
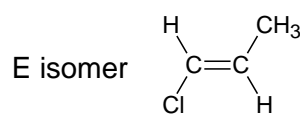
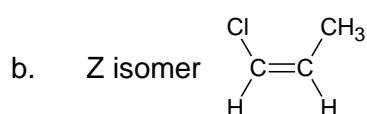
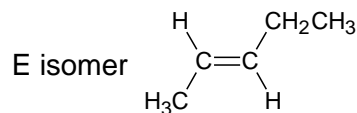
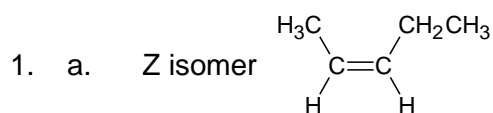
Stereoisomerism in alkenes – answers

Education in Chemistry

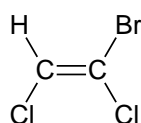
July 2018

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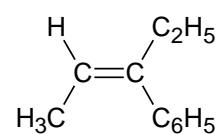
This worksheet accompanies the article 'Molecular motors power on'. Download the worksheet, answer sheet and full article (MS Word or pdf) from rsc.li/2JcLfbX



cis but-2-ene



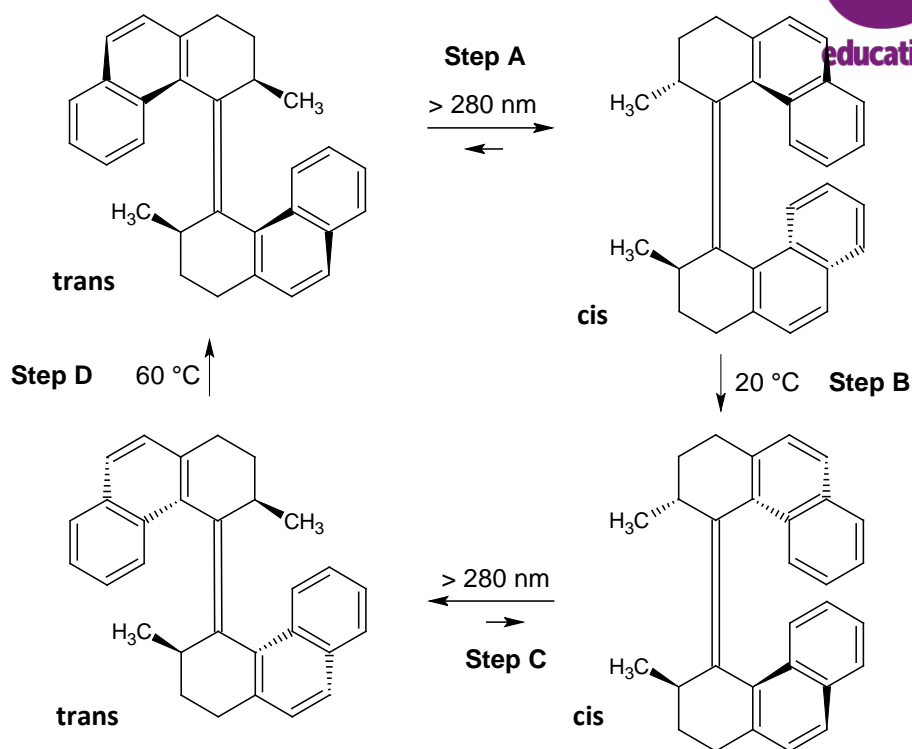
cis 1-bromo-1,2-dichloroethene



Can't label cis/trans

4. a. i. Step A and Step C are the isomerisation steps.

ii.



b. Second generation molecular motors do not show geometric isomerism because the *stator* section of the molecule is symmetrical meaning that the groups on either side of the alkene carbon atom are identical.