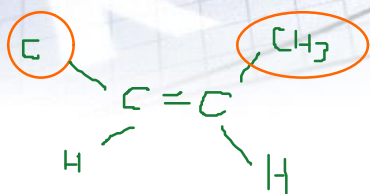


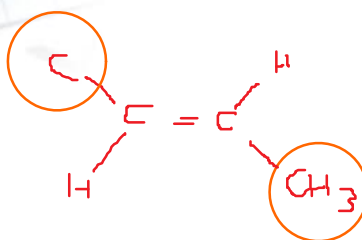
E-Z isomers

17 December 2012
17:18

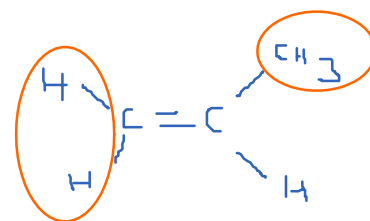
E isomers- Entgegen: opposites
Z isomers- Zusammen: same



- Priority groups (those with the greatest Mr) are on the same side of the double bond
- Therefore they are Z isomers
- The old name for it would be Cis isomer



- Priority groups are on opposite ends of the double bond
- This makes them E isomers
- Old name would be Trans isomers



- There is no distinct priority group so no isomer is formed

Geometric isomers arise as a result of restricted rotation around the double bond at room temperature

Cis/trans system breaks down due to no priority group being the same

Preview from Notesale.co.uk
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