



3 kinds of isomerism

- 1. Constitutional (structural) isomerism
 - ➢ Structural − C=C or ring
 - \succ Skeletal C atoms connected in a different order
 - Positional The location of C=C varies but the C skeleton remains unchanged

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2. <u>Stereoisomerism (geometric isomerism)</u> Because of the rigidity of C=C there can be cis-trans isomerism in alkenes. 1. Constitutional isomerism (cont.)

<u>Structural isomers \rightarrow C=C or ring</u>

- One C=C \rightarrow C_nH_{2n} e.g., C₃H₆ or
- One ring







➢ Skeletal − C atoms connected in a different order



















