

Isomers (3 types)

Positional
Isomer

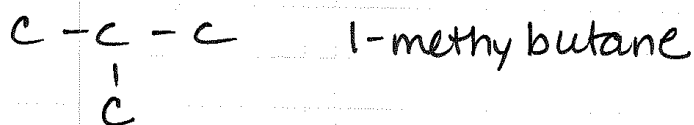
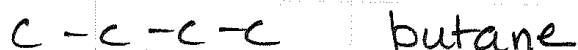
vary in the position of the double
or triple bond but have the same
molecular formula

ex:



Structural
Isomers

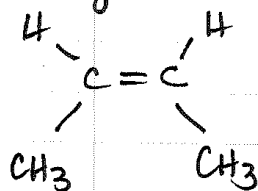
same molecular formula
different arrangement of atoms



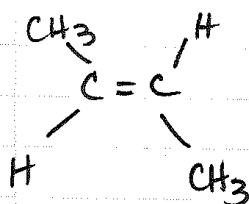
molecular formula C_4H_{10}

Stereo
Isomers

same molecular, different
arrangement of atoms in space



cis-2-butene



trans-2-butene