

ALKENES:

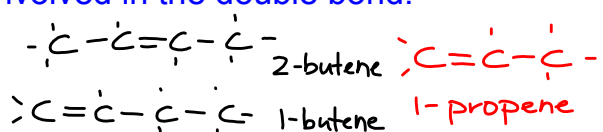
-Unsaturated (has C=C in molecule)

-Very reactive

-General formula- C_nH_{2n} ex C_4H_8 **Naming**

1. The parent chain is the longest continuous chain of carbons containing the double bond
"ane" is changed to "ene"

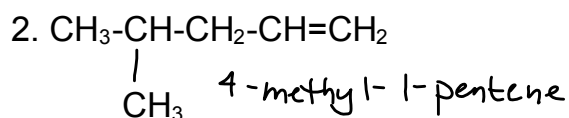
2. The position of the double bond is indicated by the number of the lowest numbered carbon involved in the double bond.



Butene has ~~is~~ more than one way to arrange the atoms around the double bond. These are isomers!

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Try: 1. $\text{CH}_3\text{-CH=CH-CH}_2\text{CH}_3$ 2-pentene



What about two double bonds???

- called a diene. (C_nH_{2n-2})

