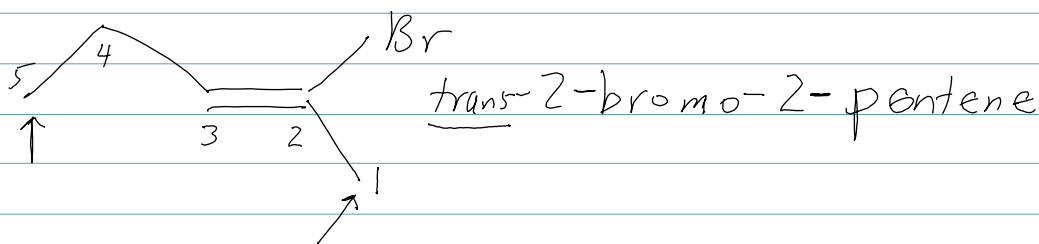
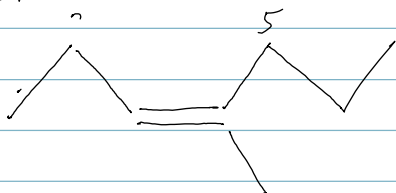


Alkene Nomenclature (cis/trans)

cis-4-methyl-3-heptene

↑
0° dihedral
angle
for main chain

↑ base name
btw C3 and C4



dihedral (C₁C₂C₃C₄) = 180° ⇒ trans

cis & trans isomers ⇒ geometric isomers
stereoisomers