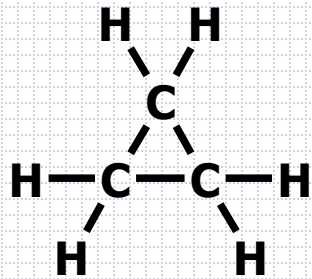
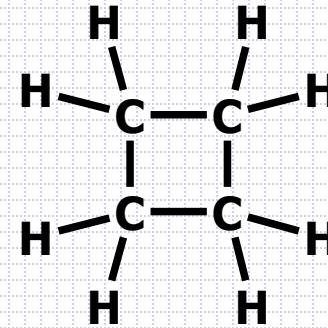


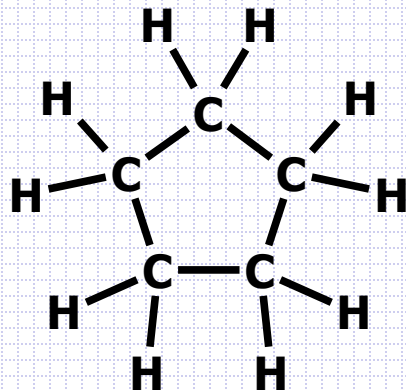
Cycloalkane



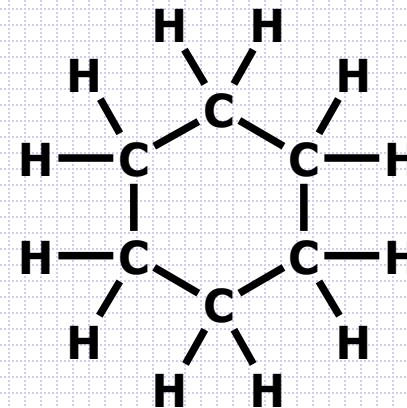
Cyclopropan



Cyclobutan



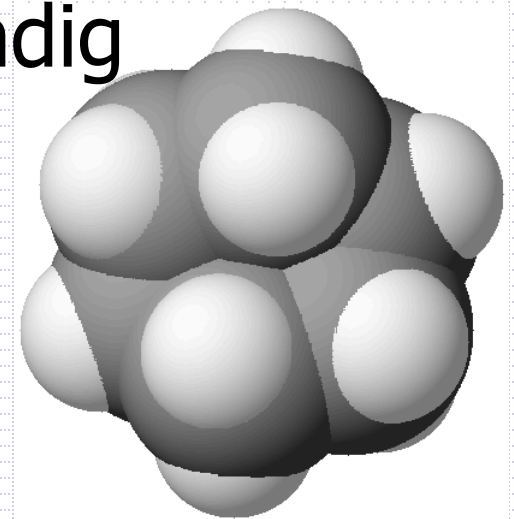
Cyclopentan



Cyclohexan

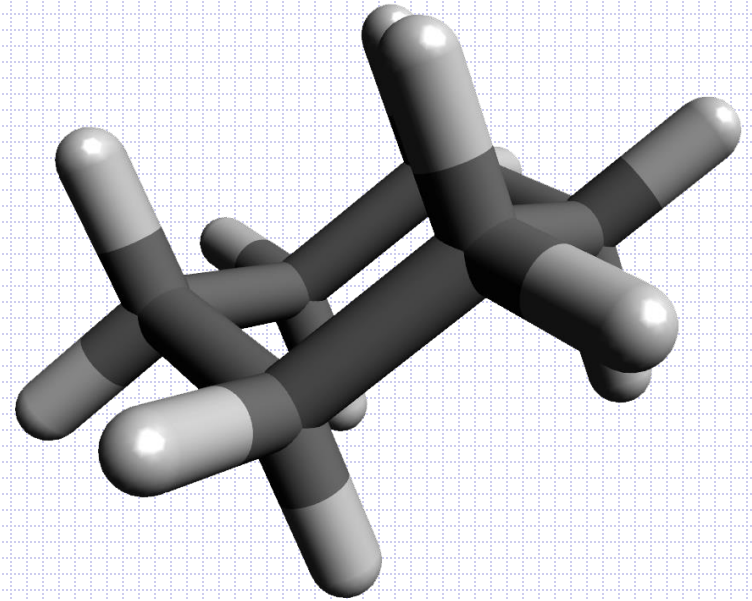
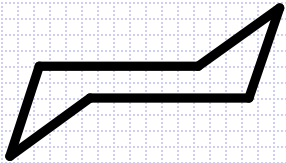
Cycloalkane

- Ringförmige Alkane (= Cycloalkane)
- Kleinstmöglich: Cyclopropan
- Allg. Summenformel: C_nH_{2n}
- Cyclopropan u. Cyclobutan => Ringspannung => wenig beständig
- Günstig: Cyclohexan

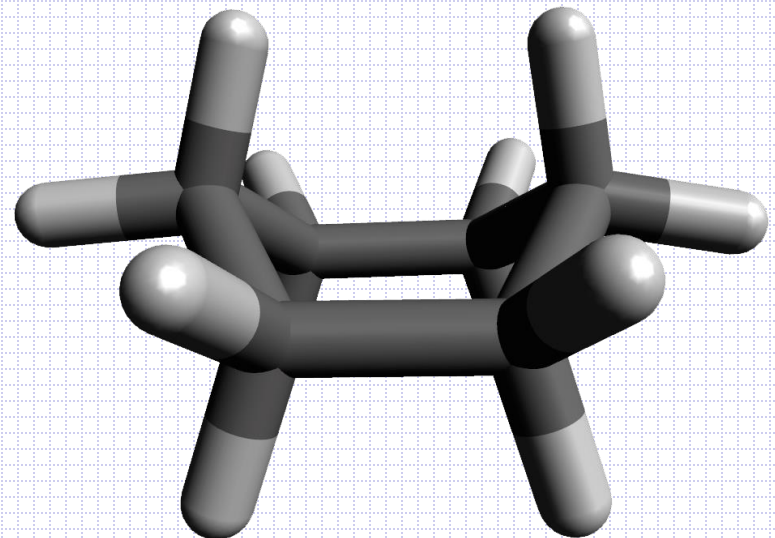


Cyclohexan - Konformationen

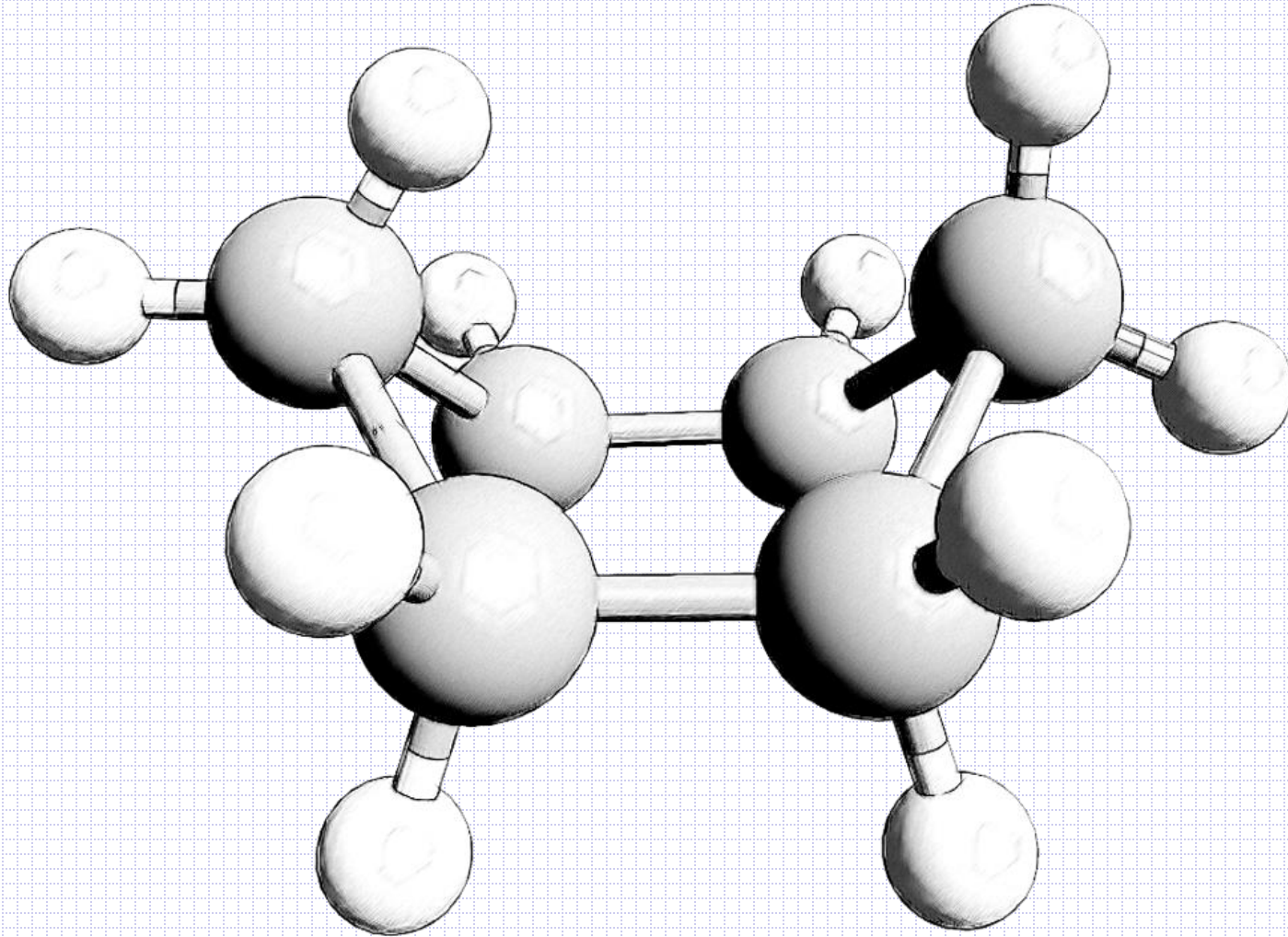
Sesselform
(stabiler als Wannenform)



Wannenform



Cyclohexan Konformation: Wanne



Cyclohexan Konformation: Sessel

