## **Conformational Analysis**

## A quick guide to perspective drawings



## There are many ways to depict the 3D structure of acyclic and cyclic compounds



## Important Values to Know for Conformational Analysis



<sub>sp3</sub> C—C <sub>sp3</sub>	Bond length = 1.54 Å (154 pm)
<sub>sp3</sub> C−H	Bond length = 1.10 Å (110 pm)