step 1 - draw tilted parallel lines

step 2 - (the only hard step) place two dots $1 / 3$ and $2 / 3$ of the way along a line between the far points

step 3 - connect the dots !

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## Drawing Cyclohexane Substituents

axial substituents alternate straight up or straight down

equatorial substituents alternate slightly up or slightly down (parallel to the adjacent C-C bonds)

## Conformational Equilibrium

axial interconverts with equatorial, but up /down relationships are still the same


