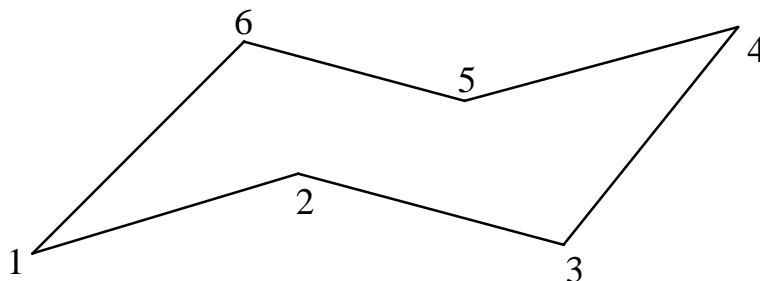
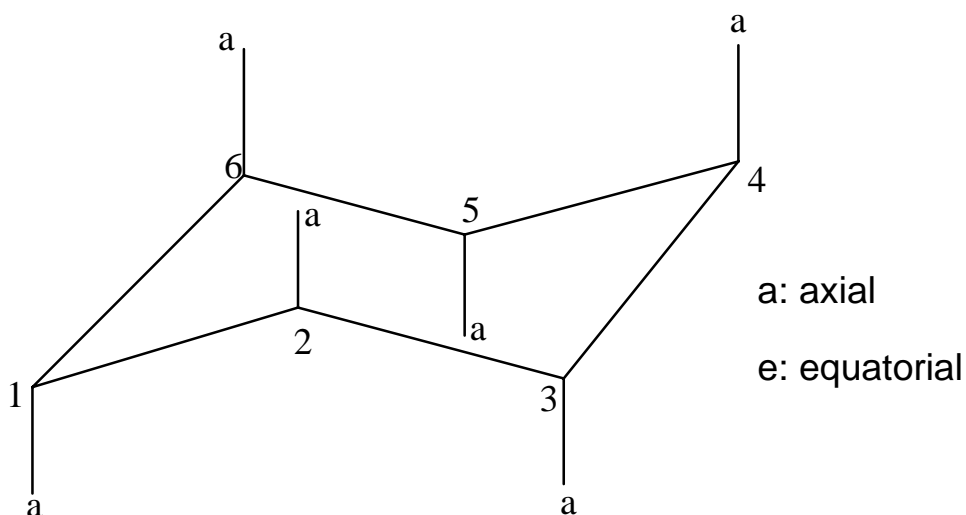


Drawing a chair conformation of a cyclohexane ring

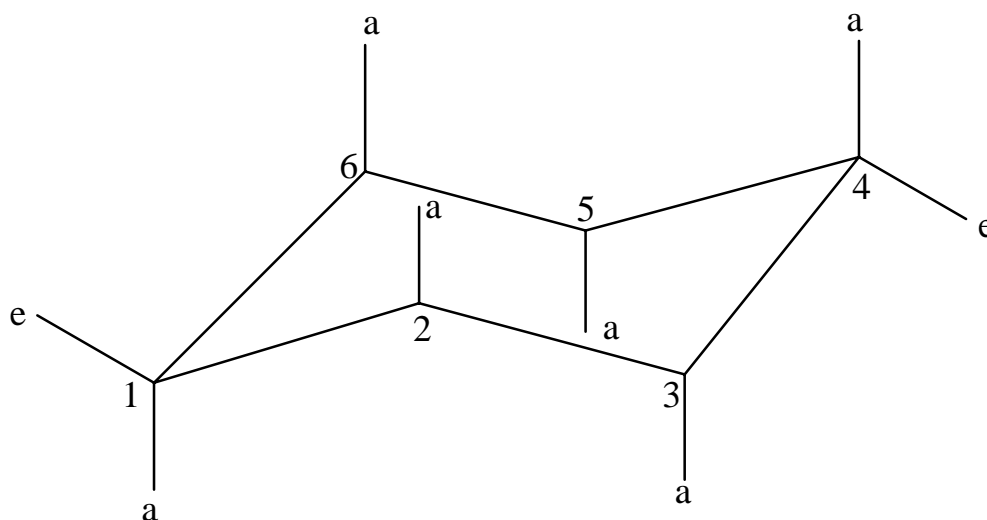
1. Draw the chair so that bond C2-C3 is parallel to bond C6-C5 with C2 and C3 atoms are slightly below atoms C5 and C6. Also, apex 1 points downward on the left and apex 4 points upward on the right.



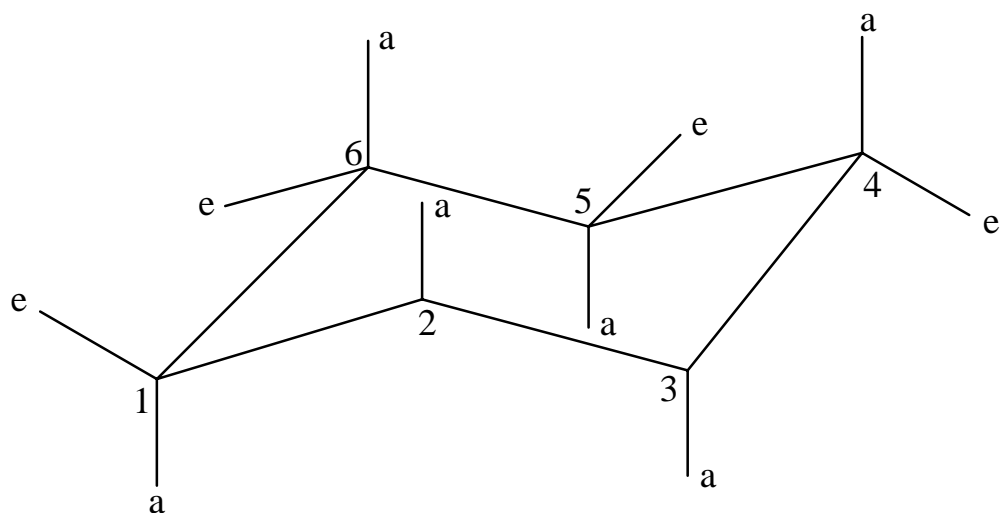
2. Draw axial bonds as vertical lines. Begin with C1 down, C2 up, C3 down and so on.



3. Draw equatorial bonds at C1 and C4 so that the equatorial bond you have drawn at C1 points slightly upward and that at C4 slightly downward. The equatorial bonds at C1 and C4 should be drawn parallel to bonds C2-C3 and C6-C5.



4. Now draw an equatorial bond at C5 so that it is parallel to bond C3-C4 and another equatorial bond at C6 so that it is parallel to C1-C2.



5. Finally, draw an equatorial bond at C3 so that it is parallel to bond C5-C4. Draw an equatorial bond at C2 so that it is parallel to bond C1-C6.

