



Task 7 Cyclohexane – Boat conformation

No.	Tool	Action/Command	Figure
1.		Repeat step 1 to 4 above to create the framework of ethane.	
2.		Draw the plane through D, E, B. Reflect CA'', CB'' and CD'' in the plane. Hide the repeated points at A.	
3.		Hide the plane above. Draw I, the midpoint of CD''. Draw the plane through I perpendicular to CD''.	
4.		Reflect AB''', AA''', AE, CA'', CB'', CE, ED and EB in the plane. Hide the repeated points at A', C' and E.	
5.		Hide the plane. Input: $r1 = 1$ $r2 = 2$ Draw spheres of radii $r2$ centered at E, C, C', E', A' and A. Draw spheres of radii $r1$ at other points. Hide all the points.	
6.		Colour the small balls in Light Blue, the large ball in Red with 100% filled; the segments in white and thickest (pt 13)	