



**Task 5 Ethane**

No.	Tool	Action/Command	Figure
1.		Repeat step 1 to 4 above to create the framework ABCDE.	
2.		Draw F, the midpoint of EC. Draw the plane through F perpendicular to EB.	
3.		Reflect EA, EB, ED about the plane. Hide the points E', E'1 and E'2 at C.	
4.		Hide the plane. Rotate CA', CB' and CD' about EC by 60°. Hide CA', CB', CD' and the points A', B', D', E'', G, H and F.	
5.		Input: $r1 = 1$ $r2 = 2$ Draw spheres of radii $r1$ centered at A, B, D, A'', B'' and D''. Draw spheres of radius $r2$ centered at E and C.	
6.		Hide the points. Colour the small balls in Light Blue, the large ball in Red with 100% filled; the segments in white and thickest (pt 13)	