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# Organic Chemistry

## Chapter 3

by

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Activity 3

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<http://ocw.ump.edu.my/course/view.php?id=152>

# Activity 3

## QUESTION 1

Draw the Newman projection for alkane 1,2-dichloroethane molecule in the manner of eclipsed and staggered conformations.

- (a) Which conformation is more stable why? Give reason.
- (b) Indicate with dihedral angle between them.

## QUESTION 2

Draw the conformation of 1,2-disubstituted cyclohexane which represents the energy minimum and label all positions as **axial** or **equatorial**.