Models Lab- Pt 3 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_\_\_\_

15. Build the chair conformation of cyclohexane. Draw the structure below (see p. 336), **INCLUDING** the H’s. Put a circle around the axial H’s and a square around the equatorial H’s.

16. Build cis-1,2-dimethyl cyclohexane. \*Draw below. Use a ‘heavy’ line if the substituent is coming ‘toward’ you and a ‘dashed’ line if it’s going away from you.

17. Repeat #16 in the trans configuration. Draw below.

18. Distinguish between a constitutional isomer and a geometric isomer. Give an example of each.