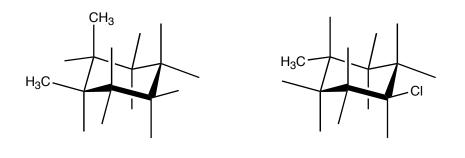
## CHM 3342

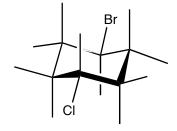
## **Homework Set 3**

TUD Department of Chemistry Spring 2017 Page 1 of 2

1) Draw the most stable chair conformation of cis-1-fluoro-4-t-butyl cyclohexane.

2) Name the following compounds taking special care to properly specify the cis- /trans- relationship of the substituents (substituent positions with nothing specified contain H's)





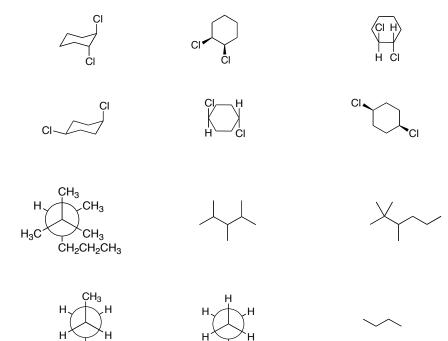
**CHM 3342** 

## **Homework Set 3**

**TUD Department of Chemistry** 

Spring 2017

- Page 2 of 2
- 3) In each set of three representations of compounds below, one is a different compound than the other two. Circle the different compound:



4) State whether each pair of structures below are the same, structural isomers or stereoisomers

