1) **Configurational Isomers (cyclic):** Circle the chiral compounds; mark (with an asterisk) the chiral carbons; assign R or S configurations to the chiral carbons.

![Configurational Isomers](image)

2) Draw all the stereoisomers of 1,2-Dimethylcyclohexane **AND** label enantiomers, diastereomers & meso compounds (if any).

![Stereoisomers](image)
3) **Configurational Isomers (acyclic):** Label the chiral carbons with the R or S designation.