

6.1 + 6.2

Name: _____

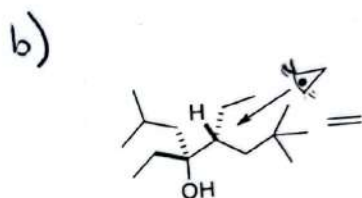
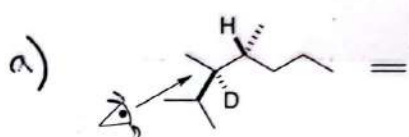
Newman Projection Practice (#2)

For each of the following, draw the bond-line structures. Then draw the most stable and least stable Newman projections relative to the C-C bond indicated.

- 1) Butane, relative to the $\overrightarrow{C_2-C_3}$ bond.
- 2) 1-chloropropane, relative to the $\overrightarrow{C_1-C_2}$ bond.
- 3) 2-methylbutane, relative to the $\overrightarrow{C_2-C_3}$ bond.
- 4) 2,2-dimethylbutane, relative to the $\overrightarrow{C_2-C_3}$ bond.

5) 2-chloro-2-methylpentane, relative to the C2-C3 bond.
*Note: Cl is smaller than methyl.

6) Draw the Newman projection from the wedge & dash drawing.
*you can abbrev. groups or chunks!



7) Draw the wedge/dash projection and try to name the compounds.

