Chemistry 30A

Worksheet #3

Drawing

Warm-up Problem:

Are the following pairs of structures stereoisomers, structural somers, the same structure, or unrelated? If they are stereoisomers, are they enantiomers or diastereoisomers?

a. ,,,,,,, Same Structure





Structural Isomers

Key





d. C7H15 Me CO₂Me



1. Draw a Newman projection for each of the following as if you were looking down the "arrowed" bond(s).



(Bonus: Structure on the left (+-Buise equatorial)