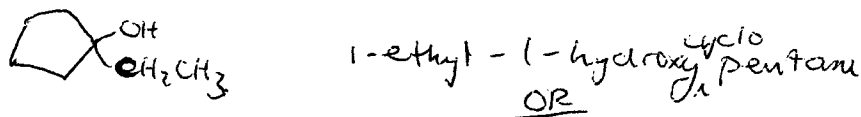
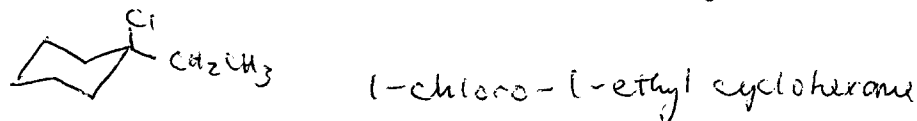
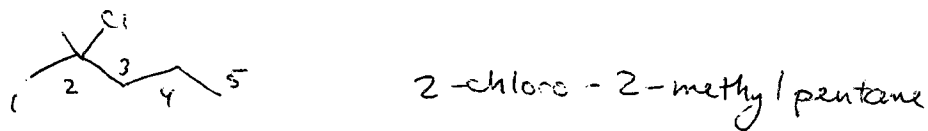
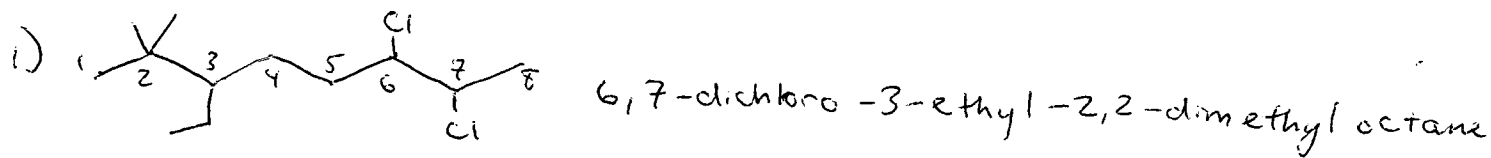
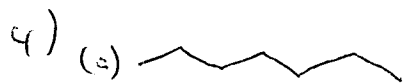
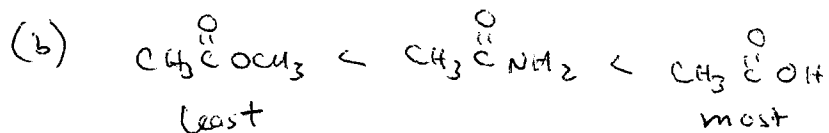
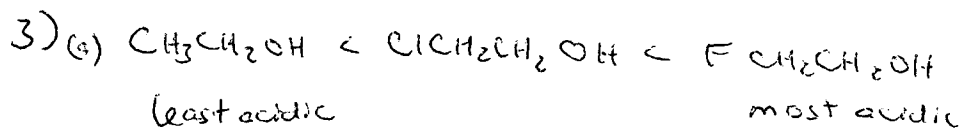
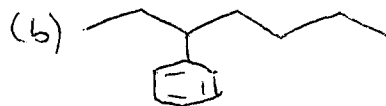
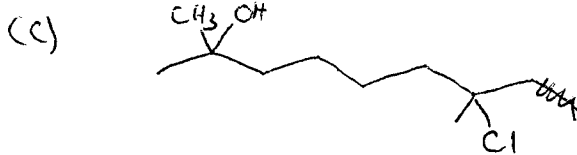
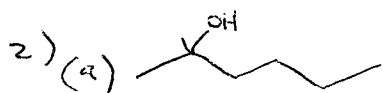
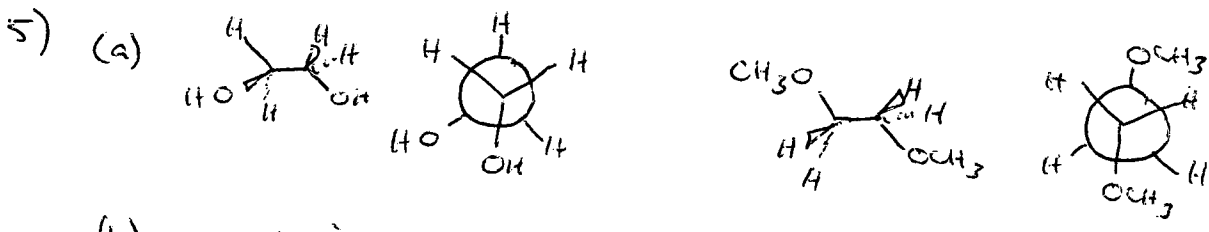


Problem Set #3 Answer Key



1-ethyl-1-cyclopentanol *





(b) gauche is more stable for 1,2-ethanediol because it allows H-bonding btw the 2 OH groups. ~~The anti form of the H₂O comp~~ There is no potential for H-bonding in CH₃OCH₂CH₂OCH₃ and so the bulkiness of the subst. forces them to be anti.

