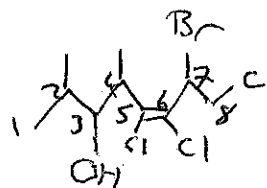
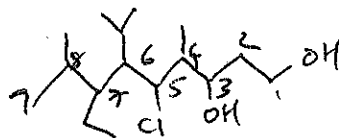
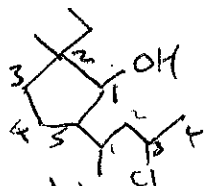


May 18th, 2020
Exam #2

Name: Key

1. Name the following molecules:



5-(3-chloro-1-methylbutyl)-2-ethyl-2-methylcyclopentanol

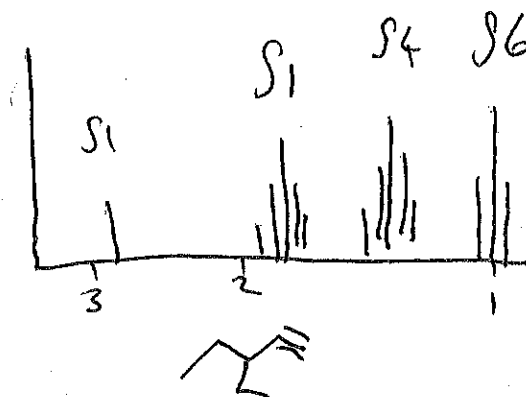
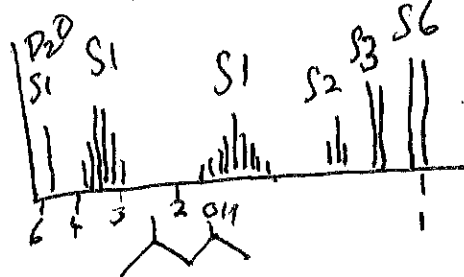
5-chloro-7-ethyl-6-isopropyl-4,8-dimethyl-1,3-nonediol

~~Prokano~~ (Z)-7-bromo-5,6,8-trichloro-2,4-dimethyl-5-octen-3-ol

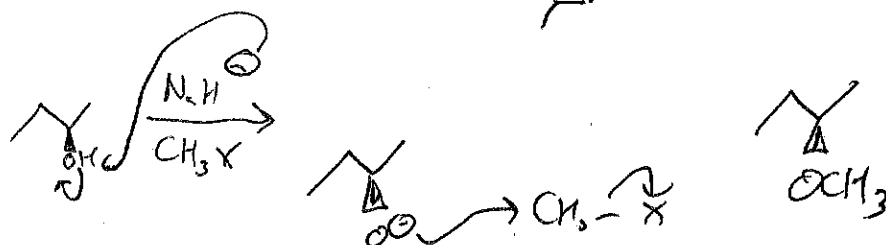
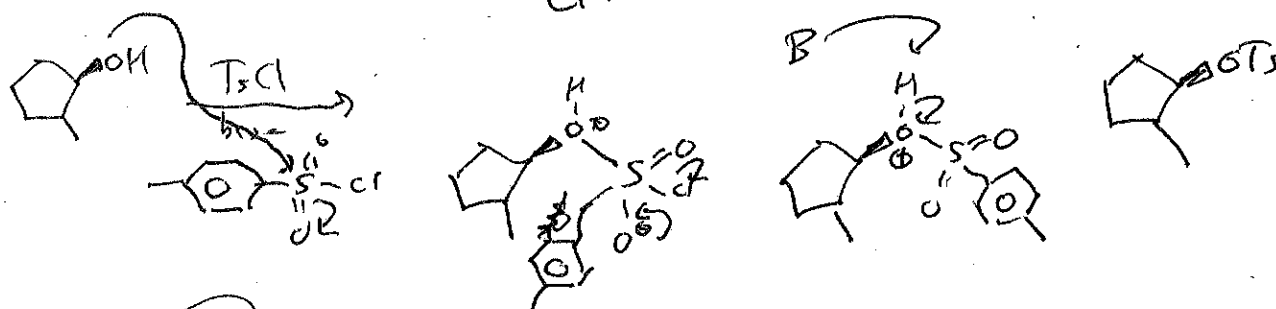
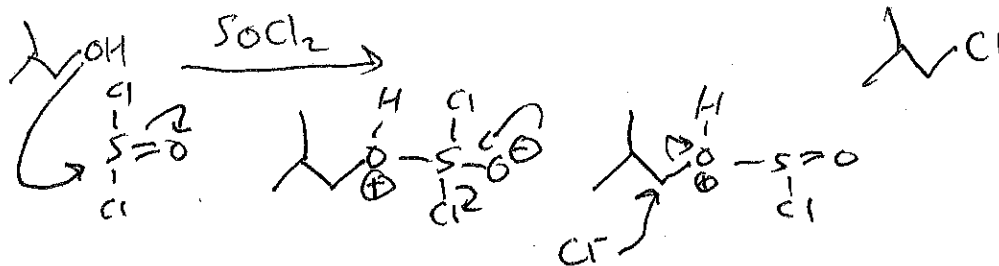
2. Draw the NMR spectrum of the following molecules:

(a) 4-methyl-2-pentanol

(b) 3-ethyl-1-pentyne



3. Give the product and mechanism of the following:



4. Complete the following reactions:

