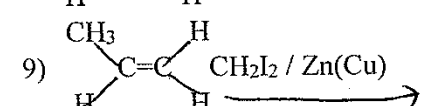
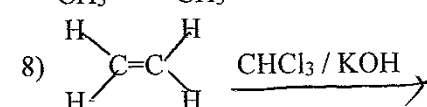
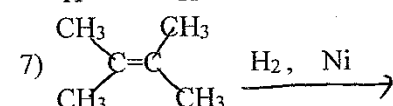
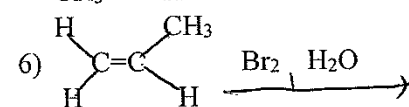
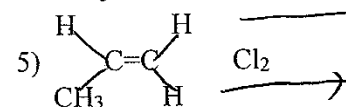
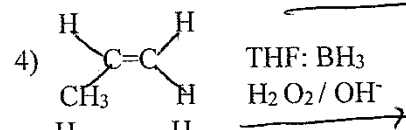
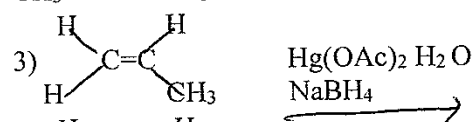
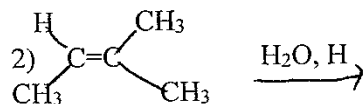
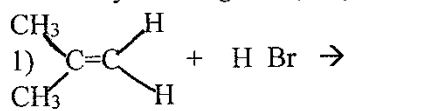


Sign Name _____

Print Name _____

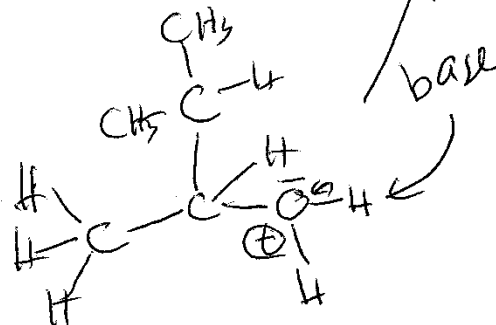
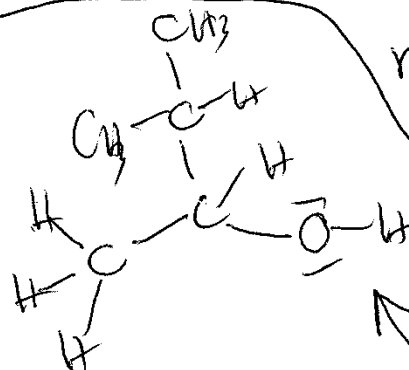
Please show work on all questions for partial credit even on questions which do not specify. (25 total pts)

1. Complete the following reactions by giving the organic products. (Circle the number of 4 of the following reactions you want graded.) (4 pts each reaction, 16 pts)

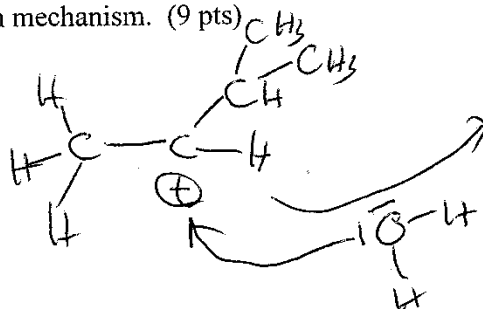
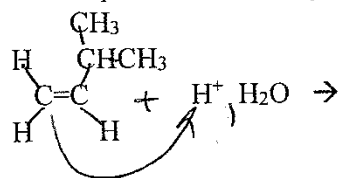


Actual mechanism has
a rearrangement but

rearrangement
will not be
on EXAM
III



2. Complete the following reaction mechanism. (9 pts)



Extra Credit (2 pts) If you do an oxidation on the following, what would be the product for

(a) Weakest oxidation

(b) strongest oxidation

