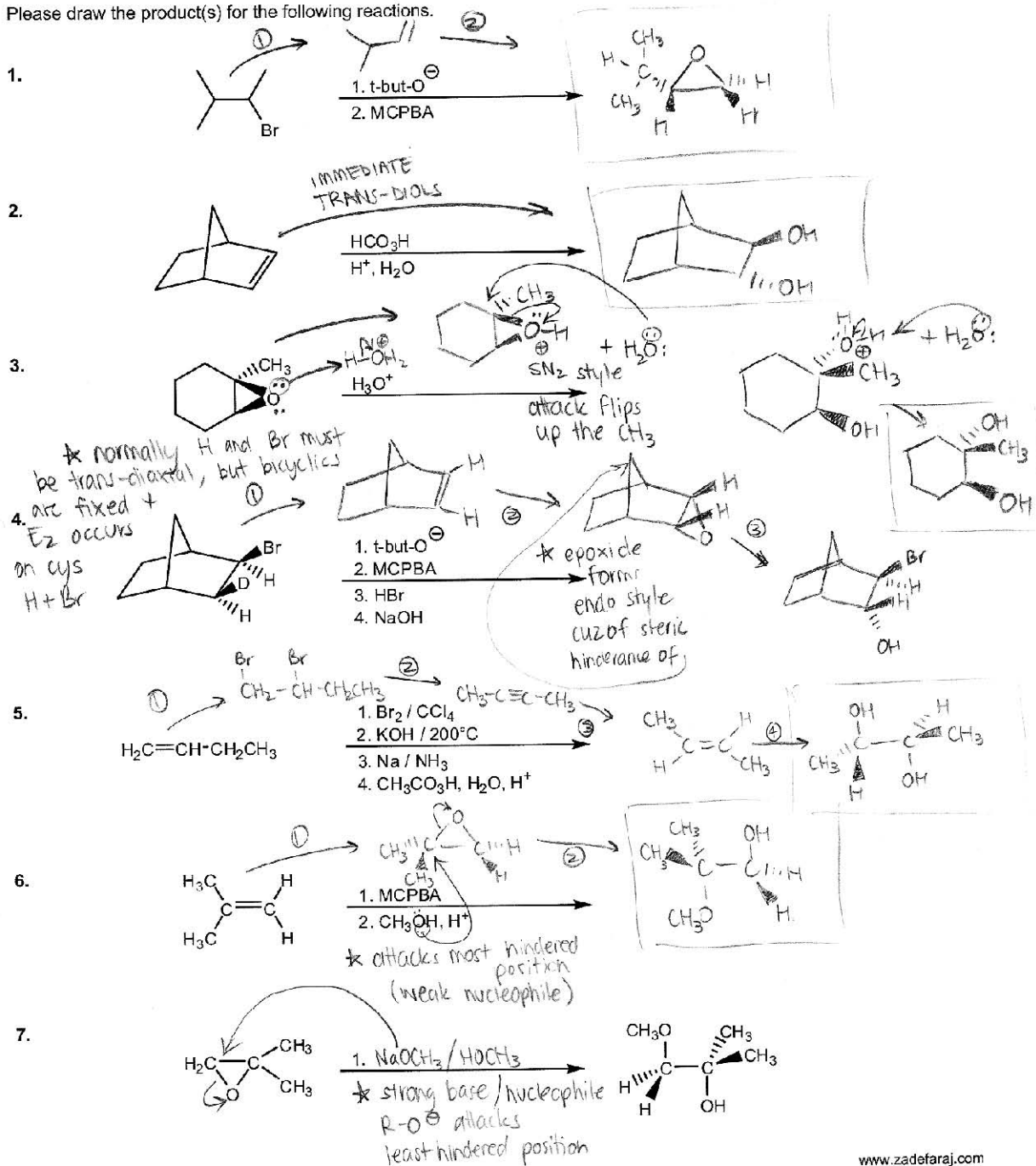
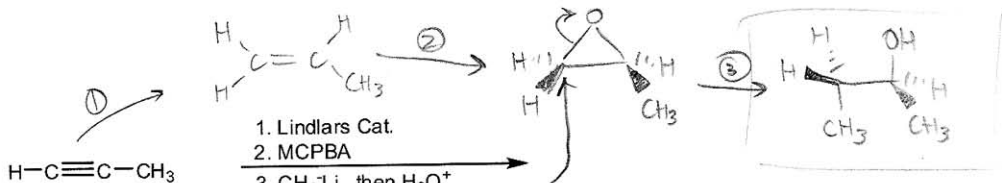


Chapter 14 Worksheet 02

Please draw the product(s) for the following reactions.

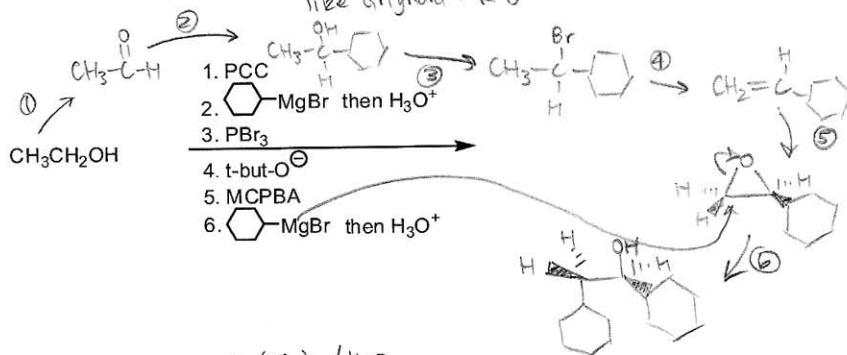


8.

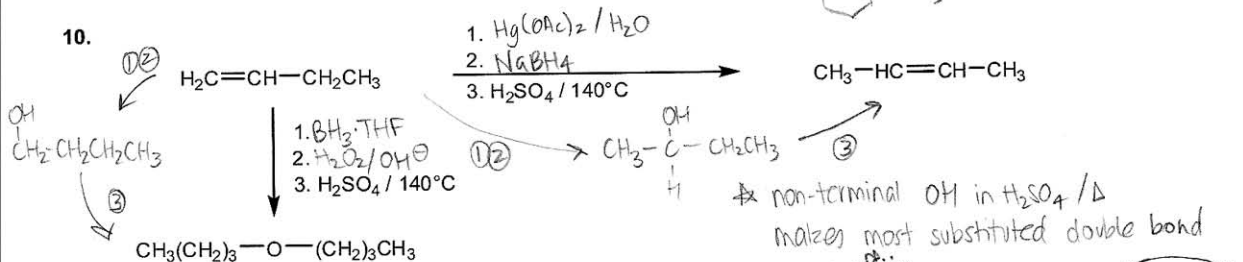


Strong nucleophile like Grignoid + R-O⁻

9.

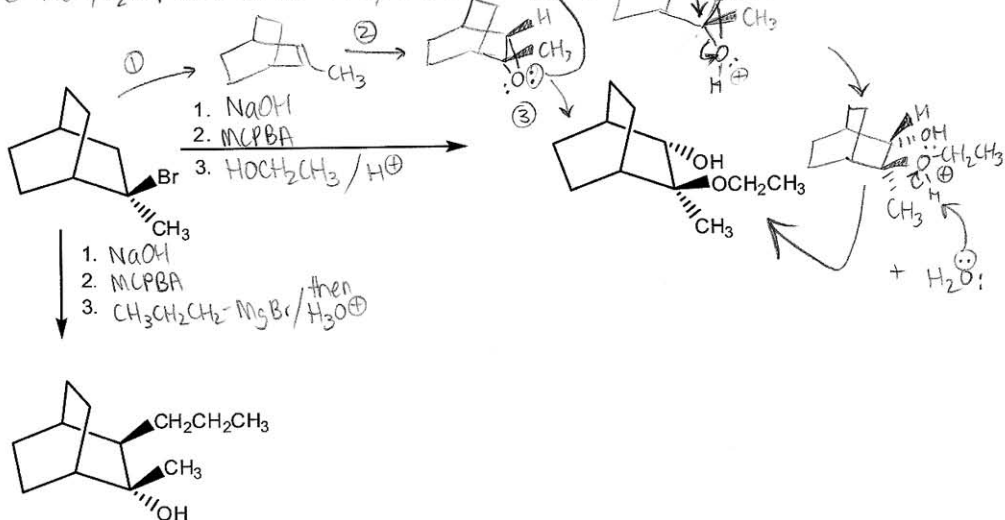


10.



* terminal OH @ $140^\circ\text{C} / \text{H}_2\text{SO}_4$ does Bi-mol. Dehydration

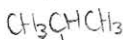
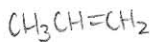
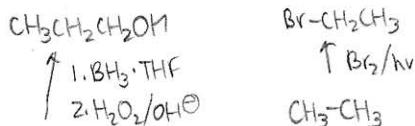
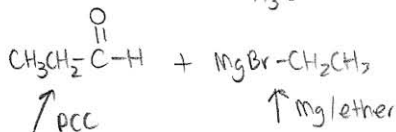
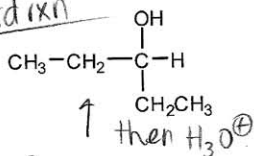
11.



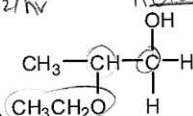
Synthesize the molecule below using any of the following reagents: alkanes, alkenes, or alkynes of no more than **three carbons**, any inorganic reagents, and any oxidizing or reducing agents.

12.

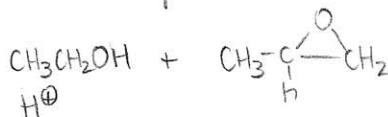
Grignard rxn



Acid catalyzed ring opening

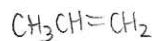
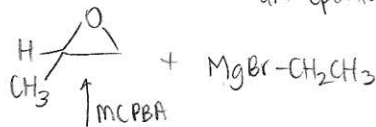
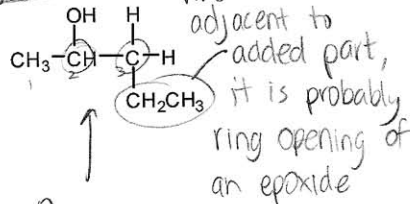


adjacent OH and added part →



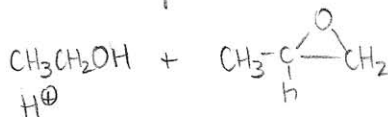
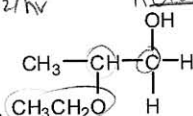
13.

Grignard on Epoxide



14.

adjacent OH and added part →



15.

base catalyzed ring opening

