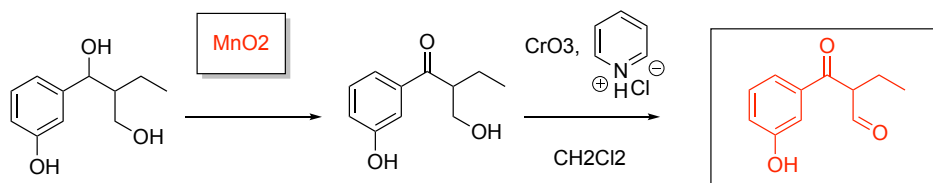
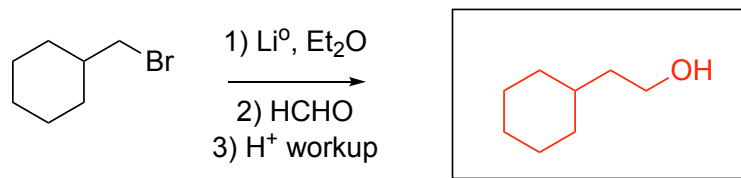
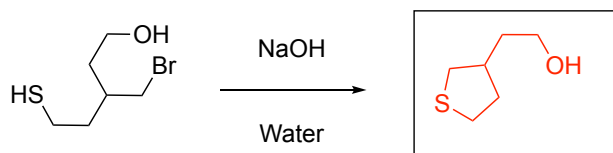
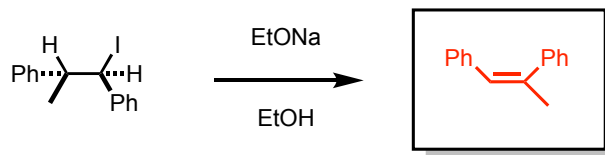
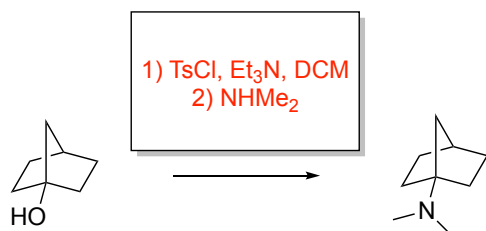
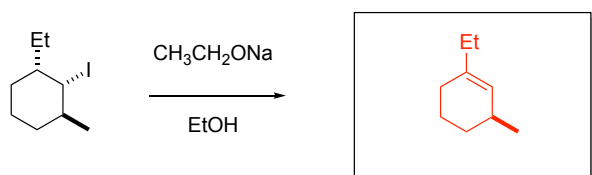
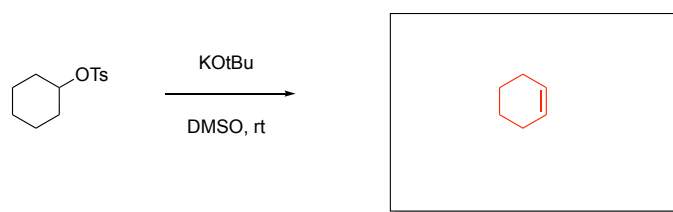
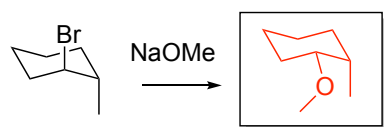
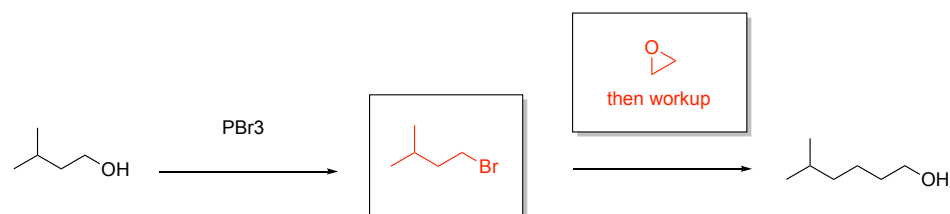
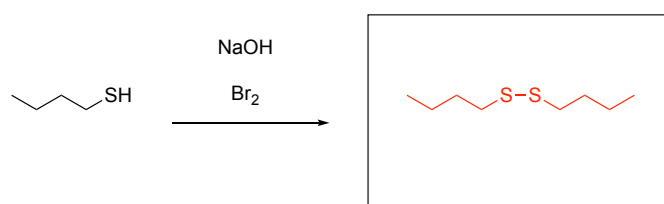
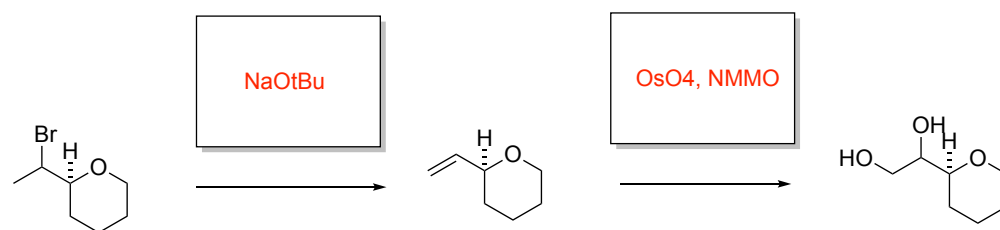
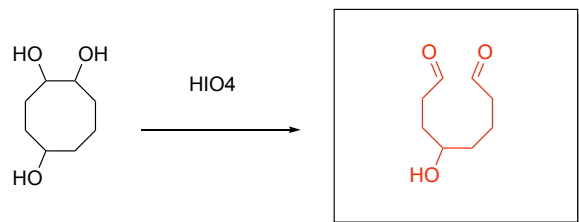


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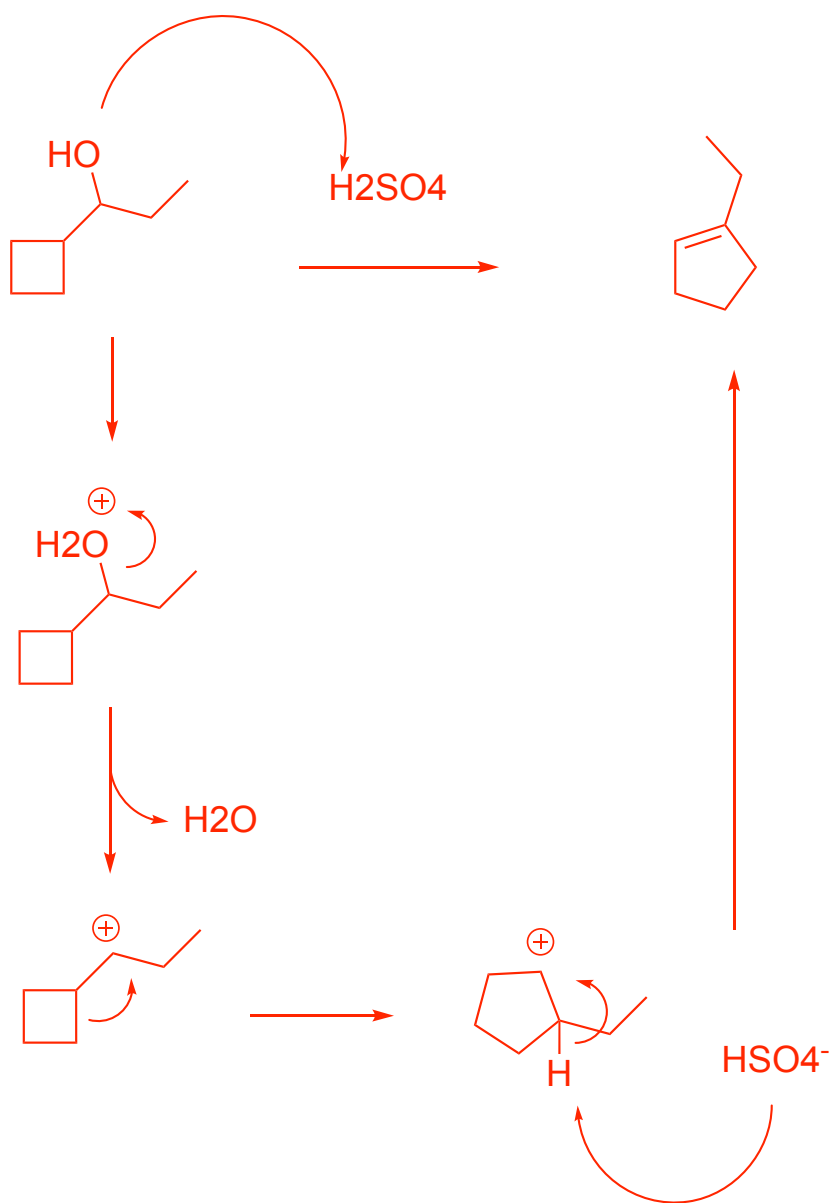
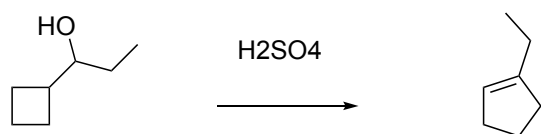
Chemistry 236 Organic Chemistry I – Fall 2023
Practice Midterm #3

1. Indicate the reagents or the major product(s) formed? 4 pts each





2. Provide the full arrow pushing mechanism for the following reaction. 10 pts



3. Propose a synthetic route to afford the product beginning from the starting material provided. 10 pts each

