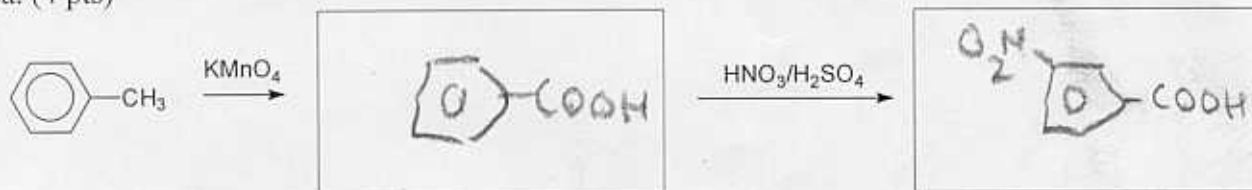
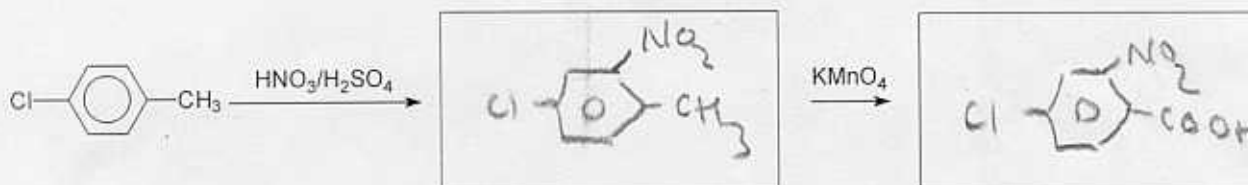


1. Complete the following equations!

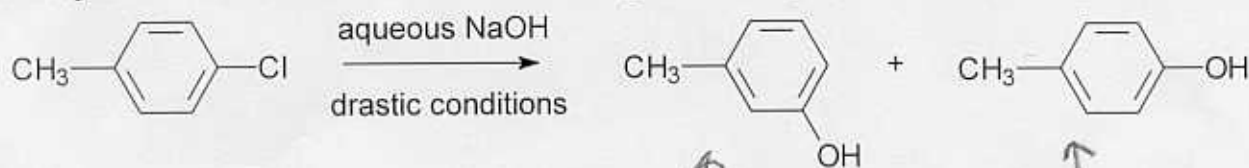
a. (4 pts)



b. (4 pts)



2. Propose a credible mechanism for the following reaction (2 pts)



benzylic
intermediate