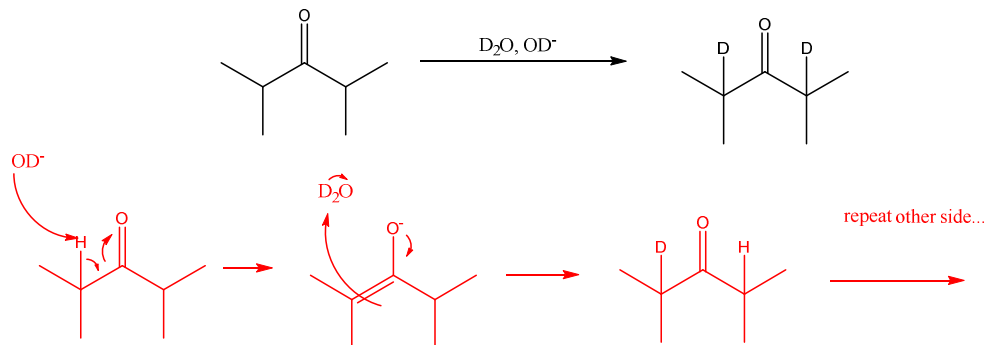
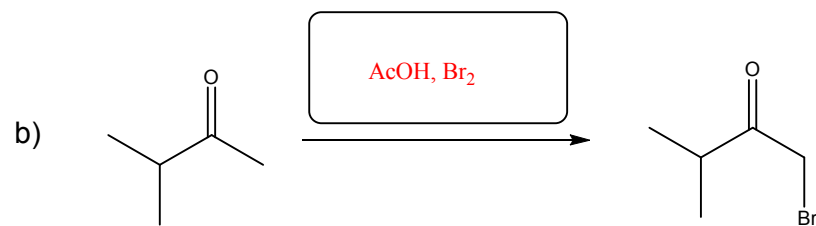
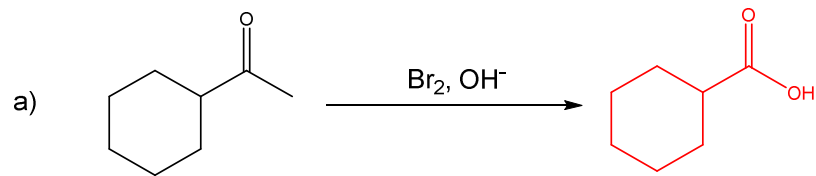


1. Draw a mechanism for this transformation (6 pts):



2) Complete the following reaction schemes (4pts each).



3) Design a synthesis for the following molecule starting from benzene (6 pts):

