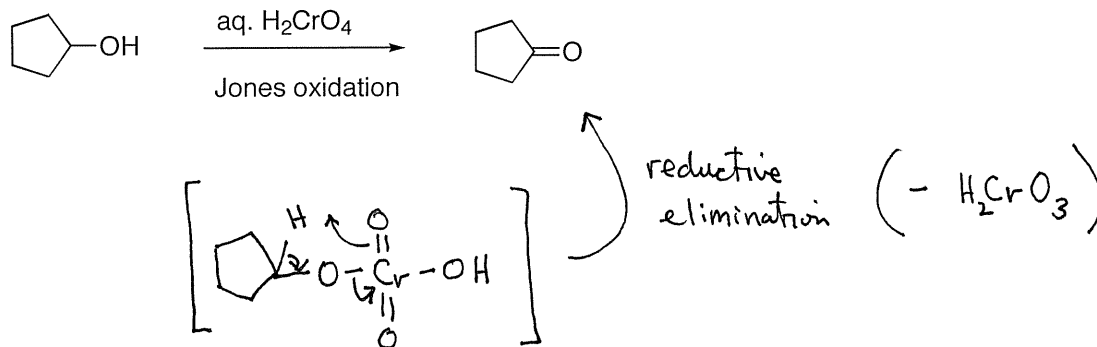


(1) (2 pt) Write the chromate ester intermediate in the following transformation and the electron pushing for its reductive elimination step to give the product.



(2) (1 pt) Provide all products for the reaction below.



(3) (2 pts) Provide a reaction sequence to accomplish the following synthesis.

