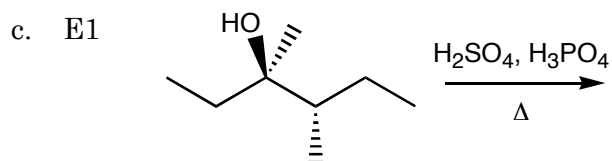
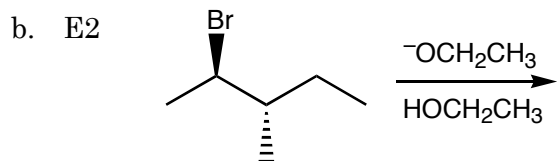
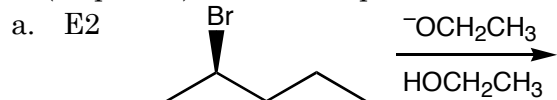
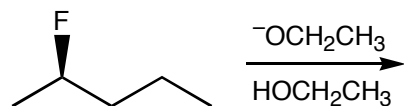


1. (10 pts ea.) Predict the products of the following reactions.



2. (10 pts.) In the following reaction, 1-pentene is the major product. Draw 1-pentene and explain why the less substituted alkene is the major product of the reaction.



3. (10 pts.) Draw a mechanism for the following reaction.

