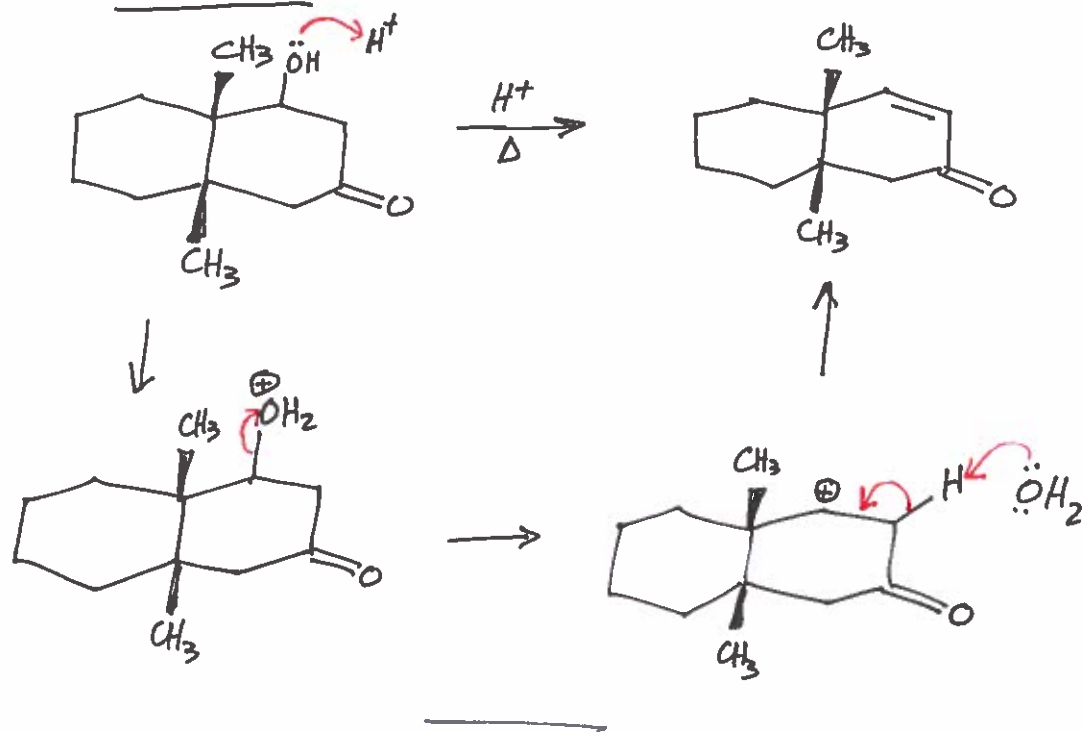
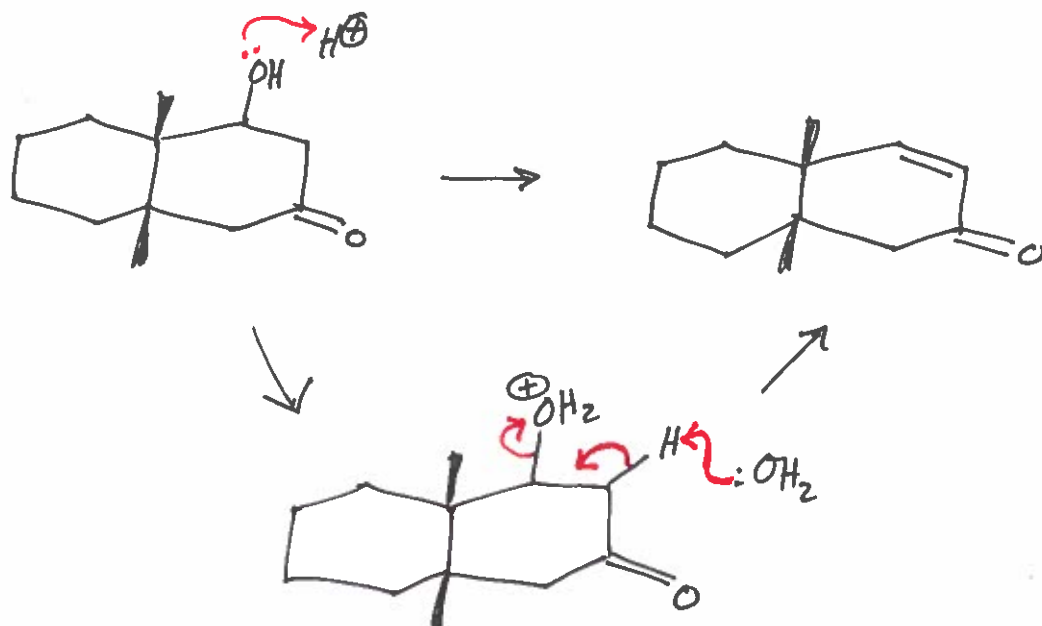


A. - Correct

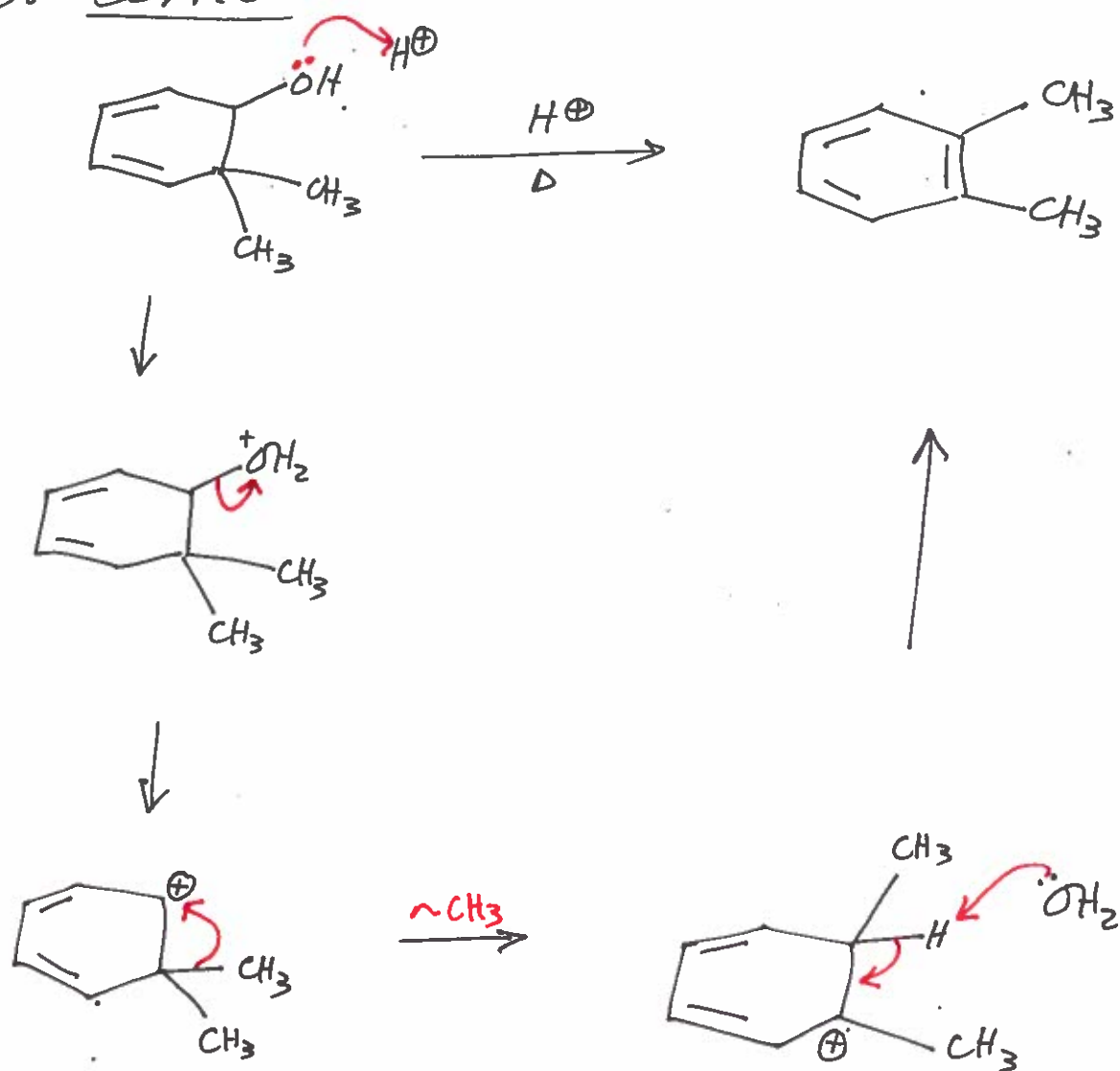


- INCORRECT!



Rationale: A secondary alcohol dehydrates by E1, not E2. H_2O is not a 'strong base' (needed for E2).

B. Correct



Rationale: Protonation of the diol and loss of H_2O leads to a resonance-stabilized carbocation. A methyl shift occurs readily to form a 3° carbocation which aromatizes to the xylene.

B. INCORRECT

