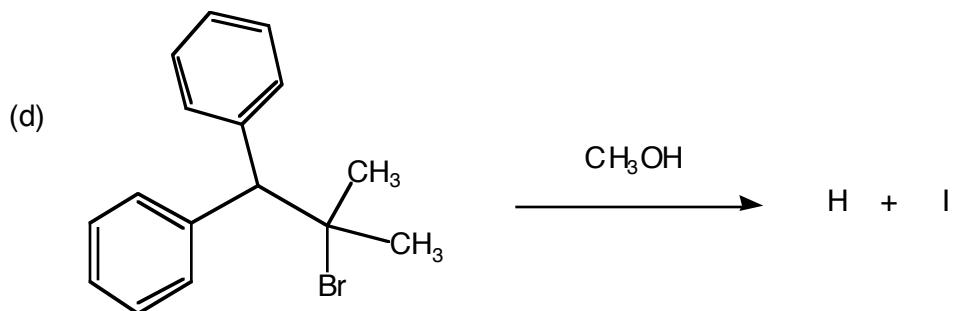
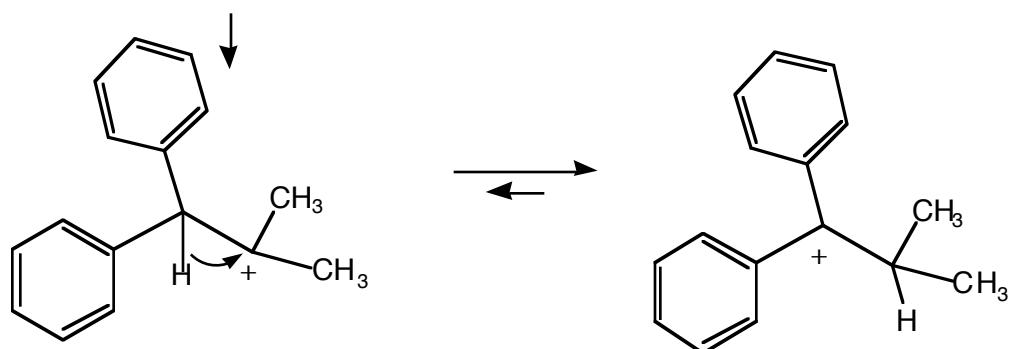


Answers to Problem 53, Chemistry 301X - 2006, p2



"Standard" rearrangement problem, as the initially formed tertiary carbocation rearranges to a more stable (why?????) tertiary carbocation:



Both cations (these are NOT resonance forms - they are two separate cations) are captured - two steps please - to give the two final products.

