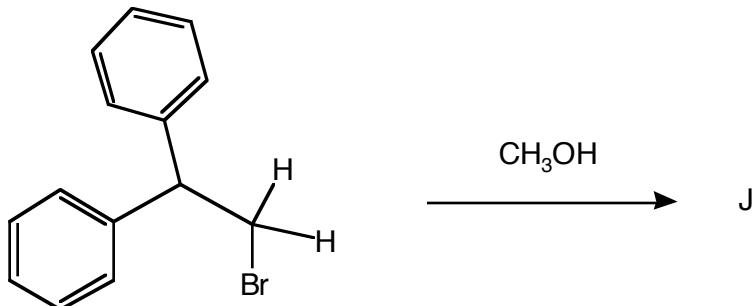


Answers to Problem 53, Chemistry 301X - 2006, p3

(e) Hard!! Be careful, there is a trap.



There cannot be an intermediate primary carbocation. Therefore the rearrangement must take place *as the leaving group departs*. There is only one carbocation, and thus there is only one product.

