Exercise 73 - Electrophilic addition and Markovnikov's Rule

Ouestion

Predict the product of the following reactions. Watch for stereochemical implications. Doing the mechanisms would be good practice, too.

Ouestion

Application of Markovnikov'sRule to the following reaction suggests that a mixture is obtained, but in fact, only one product is observed. What product and why it only?

The process shown involves the formation of a more stable secondary benzylic carbocation intermediate. The alternative is a secondary carbocation.