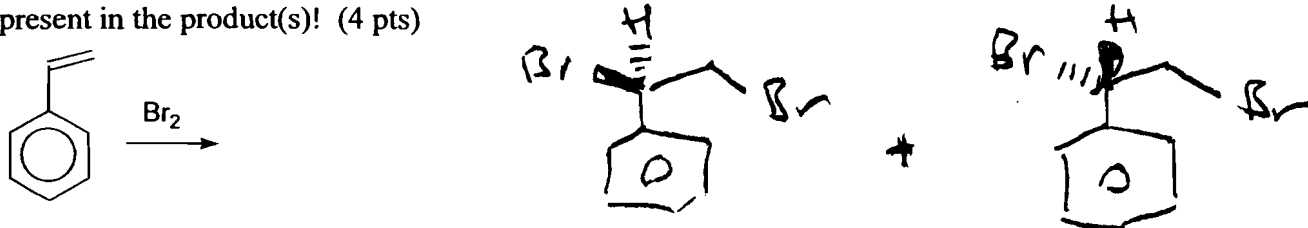
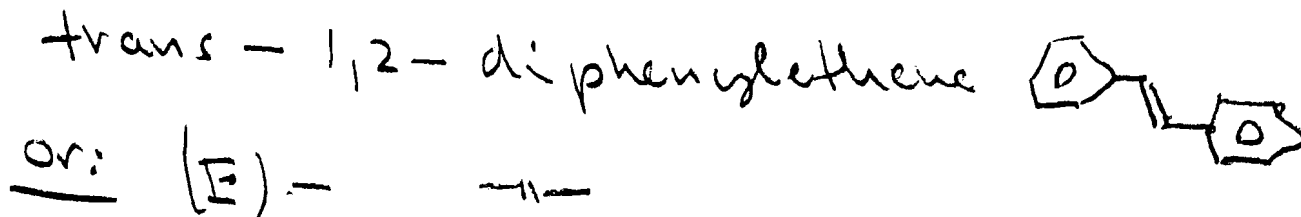


1. Which product(s) would you obtain if you brominated styrene (shown below)? Show valid wedge structures of the product(s)! Hint: consider the number of chiral centers present in the product(s)! (4 pts)



1 chiral carbon!

2. State the systematic name for (E)-stilbene and show a structural formula for this compound! (5 pts)



3. Show valid structural formulas for a) pyridine, b) pyridinium perbromide, c) acetic acid (6 pts)

