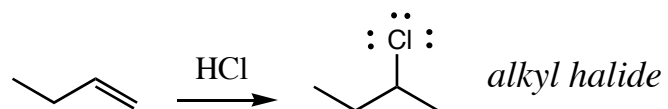


## Reaction List - Ch 11

### Reactions of Alkenes (1)

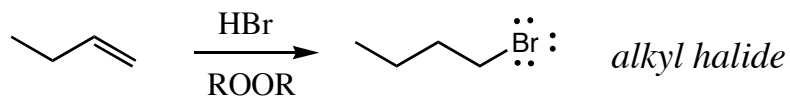
#### Addition of HX

halogen goes to the more substituted side  
rearrangements may occur  
all possible stereoisomers formed



#### Addition of HBr with ROOR

halogen goes to the less substituted side  
radical mechanism  
all possible stereoisomers formed



#### Acid-catalyzed hydration

OH goes to more substituted side  
rearrangements may occur  
all possible stereoisomers formed



#### Oxymercuration-reduction

OH goes to more substituted side  
all possible stereoisomers formed

