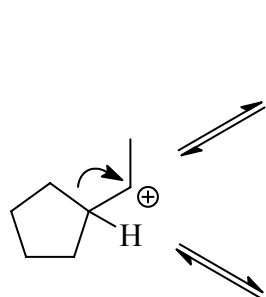
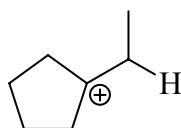


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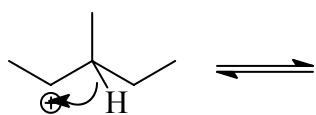
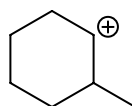
Carbocation Rearrangements



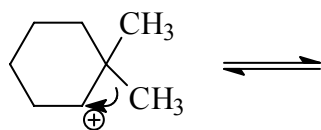
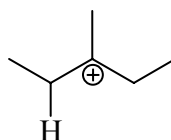
a) hydride shift



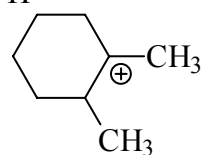
b) ring expansion
(arrow)



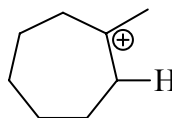
c) hydride shift



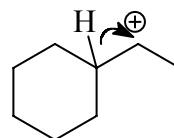
d) methide shift



e) hydride shift



f) ring contraction
(arrow)



hydride shift

