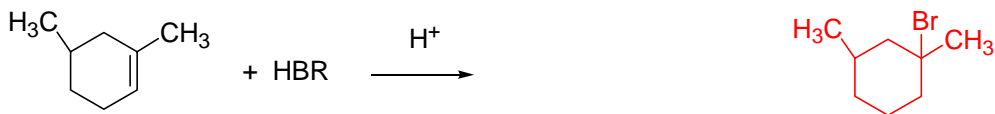


Grade 10 of 10 points

Points

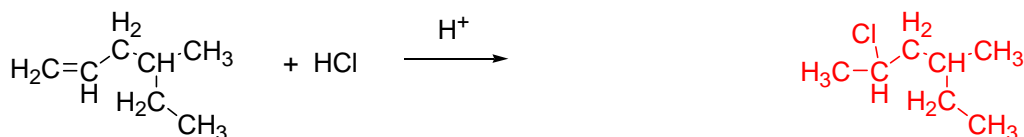
1. Give the correct IUPAC name for the each of the following reactants, and write the structural formula (line or condensed okay) for the product of the specified reaction:

- (2) (a) 1 pt structure, 1 pt name, 0.5 pt if only base of name correct.



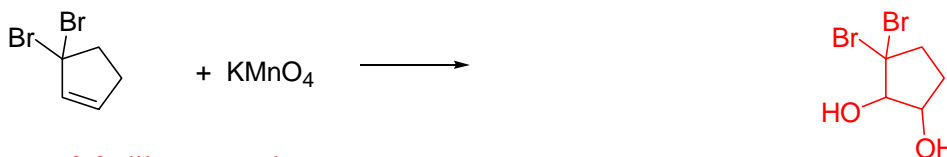
Name: 2,4-dimethylcyclohexene

- (2) (b) 1 pt structure, 1 pt name, 0.5 pt if only base of name correct.



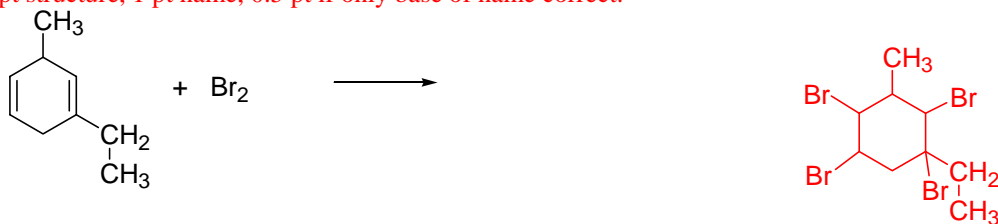
Name: 4-methyl-1-hexene

- (2) (c) 1 pt structure, 1 pt name, 0.5 pt if only base of name correct.



Name: 3,3-dibromocyclopentene

- (2) (d) 1 pt structure, 1 pt name, 0.5 pt if only base of name correct.



Name: 1-ethyl-3-methyl-1,4-cyclohexadiene

- (2) 2. Draw four alkene isomers of pentene (C₅H₁₀) any 4, 0.5 pts each

