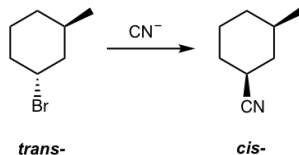
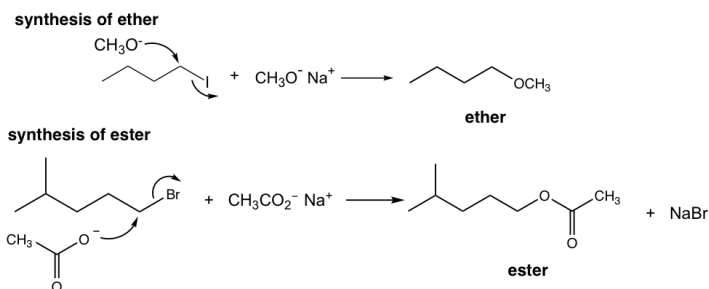


## 7.7: Answers to Practice Questions Chapter 7

7.1 Show the product of the following  $S_N2$  reaction ( $CN^-$  is the nucleophile):

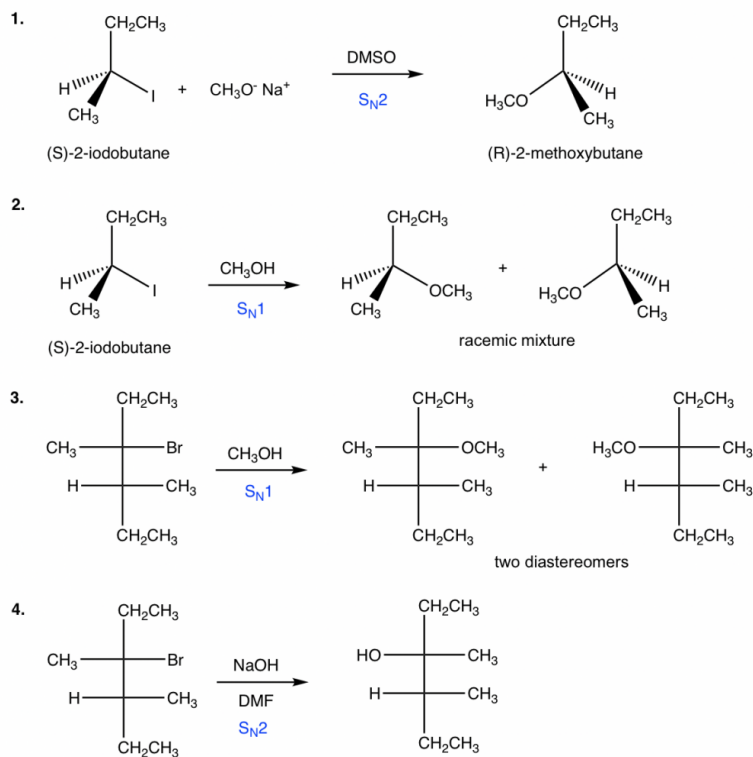


7.2 Show reaction mechanism of the reactions.



7.3 Show the detailed mechanism for above reaction of (S)-3-bromo-3-methylhexane and water.

7.4 Show the product(s) of the following reactions:



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