

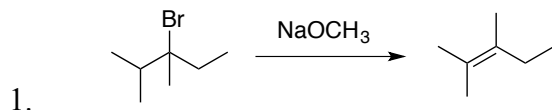
Organic Chemistry I

Test 3 Extra Mechanism Practice Problems

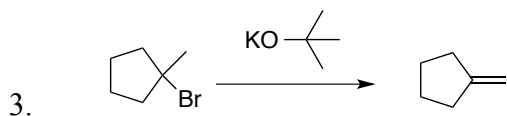
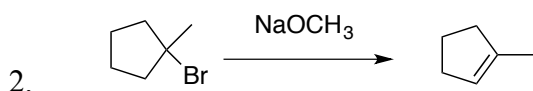
Page 1: Eliminations to make Alkenes. Page 2+3: Reactions of Alkenes

Note: In each of these cases, I am asking you to draw the mechanism for the product shown, even if in some cases there may be other products formed as well. In these problems I'm telling you what type of mechanism is involved; I won't on a test! ☺

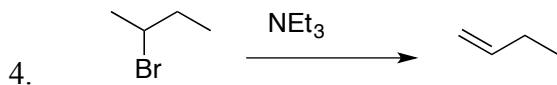
Ch. 7 Elimination Reactions



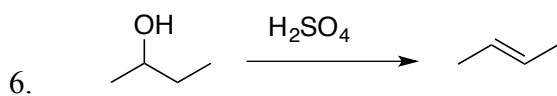
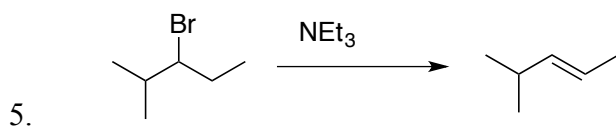
E2,
Small/Normal
Base



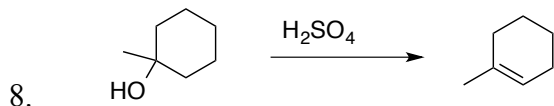
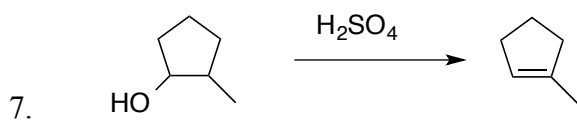
E2, Bulky Base



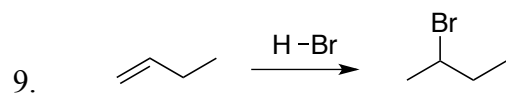
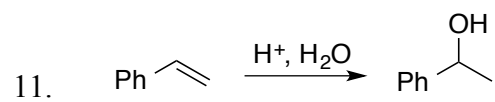
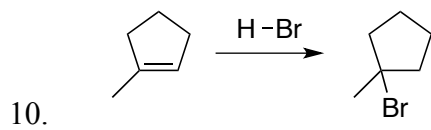
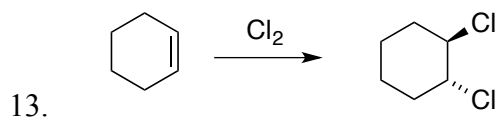
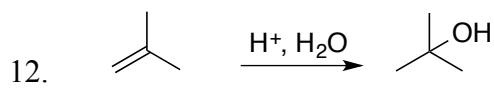
E2, Bulky Base
using Neutral
NEt₃

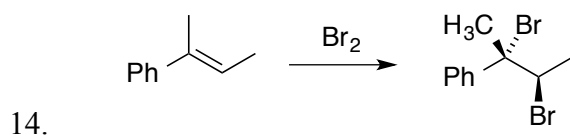
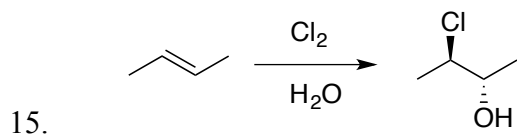
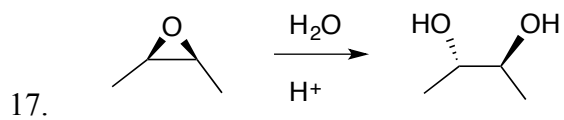
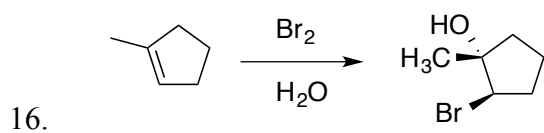
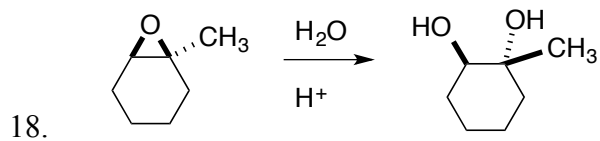


H⁺-Catalyzed
Dehydration



Ch. 8 Reactions.

Ionic H-X
Addition H^+ catalyzed
 H_2O Addition X_2 addition

X₂ additionX₂/H₂O addition**Not Responsible for
this Year's Testing**H⁺ catalyzed
H₂O addition**Not Responsible for
this Year's Testing**