Chapters 22 & 23 Worksheet

I. Draw the product between each aldehyde, ketone, and carboxylic acid with reagents (a)-(e).

Chapter 22 reagents (Wednesday)
(a) Br₂, HAc
(b) Br₂, NaOH
(c) 1. Br₂, PBr₃; 2. NaOH

Chapter 23 reagents (Thursday)
(d) catalytic (cat.) NaOH, EtOH
(e) 1 equiv. NaOH, EtOH, Δ

II. Draw the full arrow-pushing mechanism for the following reactions.

More on the next page →
Draw the full arrow-pushing **mechanism** for the following reactions.