2. (24 pts) Predict the major product(s) expected, or provide the missing reactant for each of the following reactions. Remember to indicate stereochemistry, when appropriate. Unless otherwise noted, you may assume that each reagent is available in excess. If no reaction is expected, write NR.

a)
$$\begin{array}{c} & & \\ &$$

d)
$$t$$
-BuOK t -BuOH

e)
$$H_2SO_4$$
 Δ