

### Quiz C

Draw a mechanism for this reaction occurring at neutral pH. Since it is neutral, both  $H^+$  and  $HO^-$  are present in small quantities and you can use either in your mechanism. Alternatively, you can pretend the enzyme is providing these and use  $BH^+$  and  $HA$  to represent acid-base active side chains.

Suggestion: Map the bonds you need to make and break as a means of keeping the big picture in mind.

