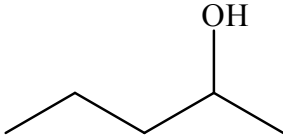
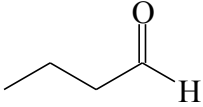


Marks
5

- Complete the following table. Make sure you complete the name of the starting material where indicated.

STARTING MATERIAL NAME (where required)	REAGENTS/ CONDITIONS	CONSTITUTIONAL FORMULA(S) OF MAJOR ORGANIC PRODUCT(S)
$\begin{array}{c} \text{CH}_3\text{CH}_2\text{CHCH}_2\text{CH}_3 \\ \\ \text{Br} \end{array}$ <p>Name: 3-bromopentane</p>	$\text{N}(\text{CH}_3)_3$	$\begin{array}{c} \text{CH}_3\text{CH}_2\text{CHCH}_2\text{CH}_3 \\ \\ \text{Br}^- \text{ } ^+\text{N}(\text{CH}_3)_3 \end{array}$
$\begin{array}{c} \text{O} \\ \\ \text{CH}_3\text{CH}_2\text{CH}_2-\text{C}-\text{CH}_3 \end{array}$ <p>Name: 2-pentanone</p>	1. LiAlH_4 / dry ether 2. H^+ / H_2O	
	$[\text{Ag}(\text{NH}_3)_2]^+$ / dil. OH^-	