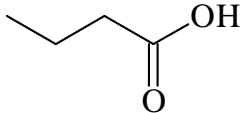
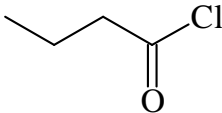
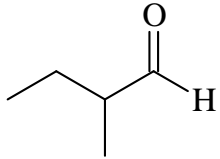
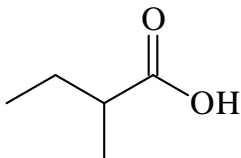
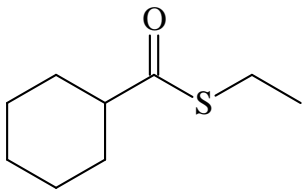
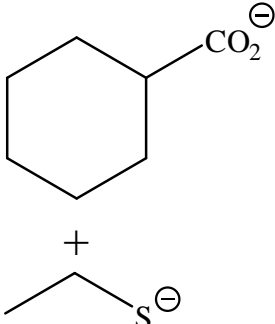
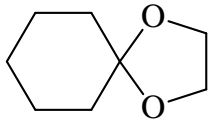


Marks
8

- 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)
 Name: butanoic acid (or butyric acid)	SOCl_2	
 Name: 2-methylbutyraldehyde (or 2-methylbutanal)	$\text{Cr}_2\text{O}_7^{2-} / \text{H}^+$	
	3 M NaOH / heat	
	1 M HCl / heat	