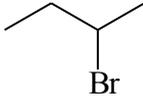
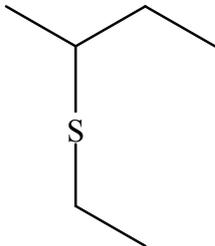
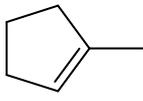
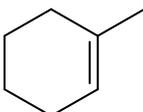
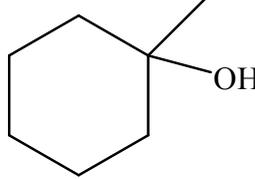


Marks
4

- Complete the following table.

STARTING MATERIAL NAME (where required)	REAGENTS/ CONDITIONS	CONSTITUTIONAL FORMULA(S) OF MAJOR ORGANIC PRODUCT(S)
 Name: 2-bromobutane	$\text{CH}_3\text{CH}_2\text{S}^- \text{Na}^+$	
 Name: 1-methylcyclopent-1-ene	$\text{H}_2 / \text{Pd on C}$ ethanol solvent	
	dilute H_2SO_4 heat	 Note – Markovnikov addition with OH adding to the more substituted end of double bond