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Sections C, D, E
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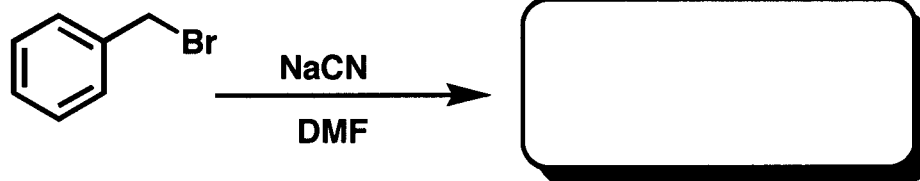
Handout VII – Substitution Reactions

1. Fill in the table.

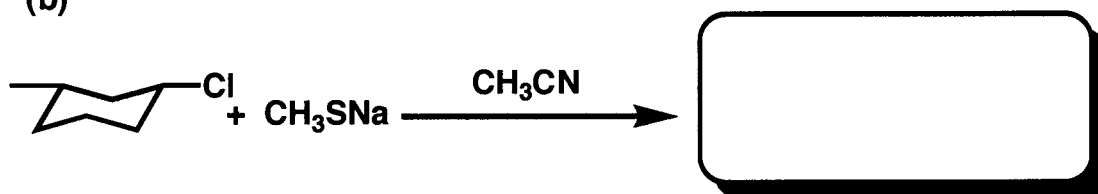
	S_N1	S_N2
Number of Steps		
General Mechanism		
Kinetics		
Stereochemistry		
Substrate		
Solvent		
Competing Reactions		

2. Draw the product(s) of each S_N2 reaction. Include stereochemistry where appropriate.

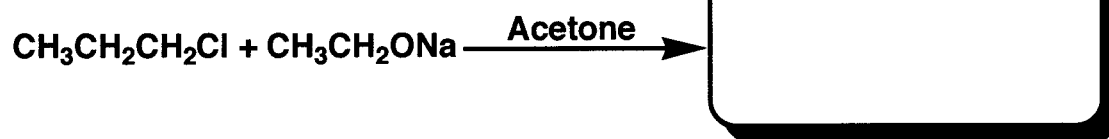
(a)



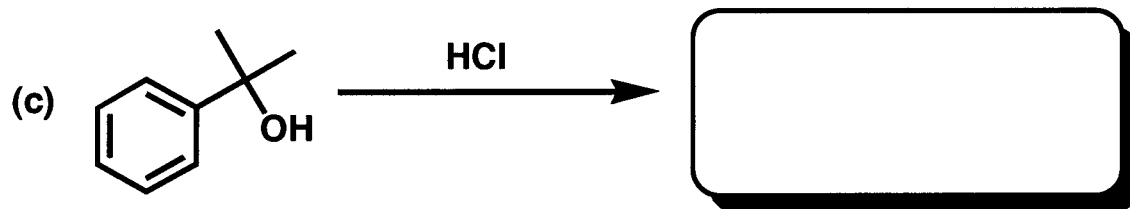
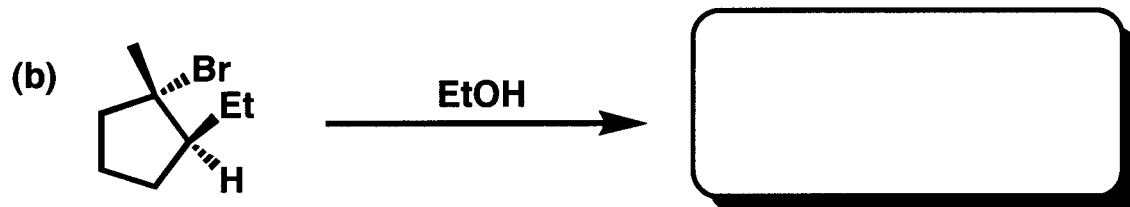
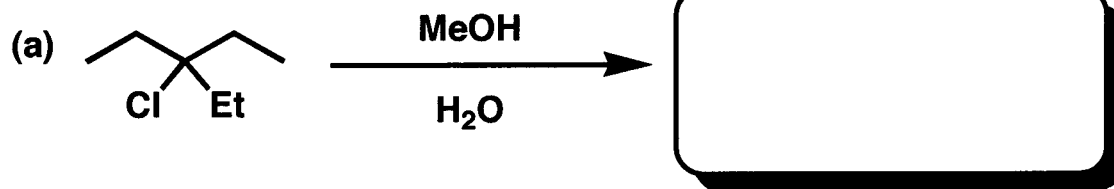
(b)



(c)



3. Draw the product(s) of each S_N1 reaction. Include stereochemistry where appropriate.



4. Determine whether these reactions follow an S_N1 or S_N2 mechanistic pathway. Explain why you decided upon the pathway you chose, predict the products in each case, and draw curved arrows.

