

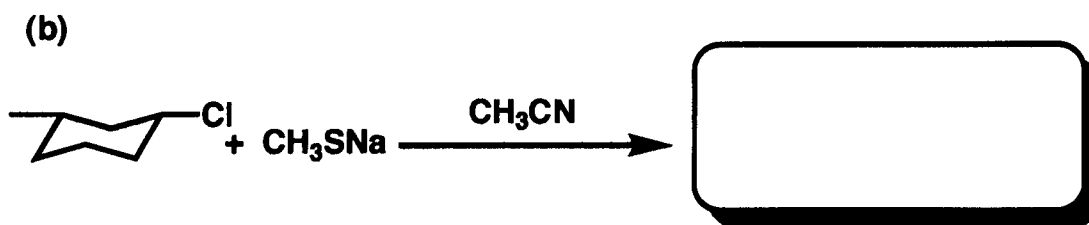
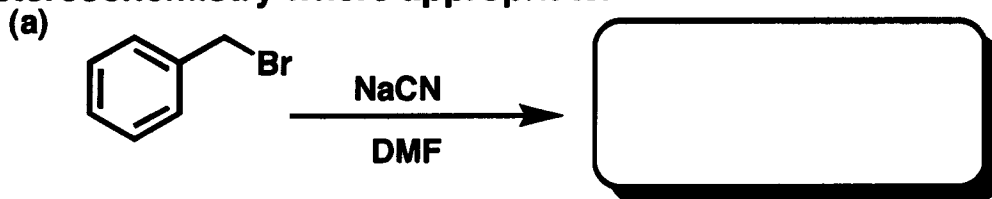
Cari Pentecost
Sections C, D, E
cari@chem.ucla.edu

Handout V – Substitution Reactions

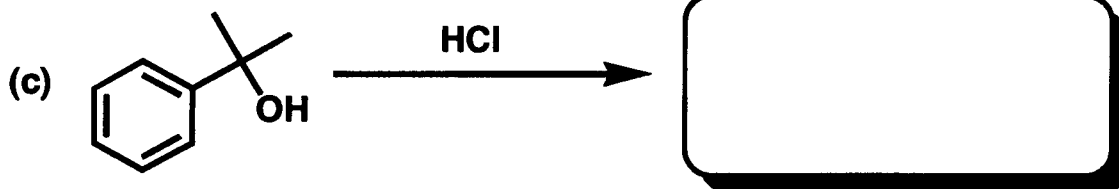
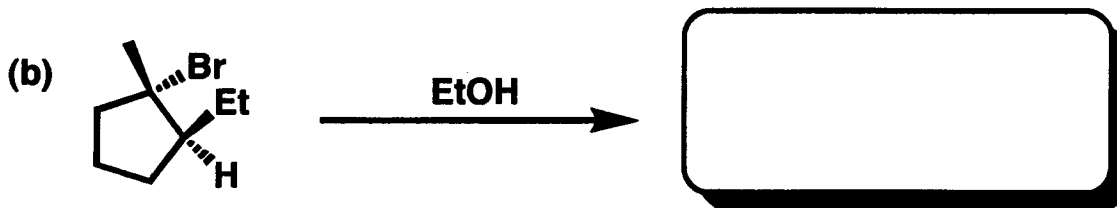
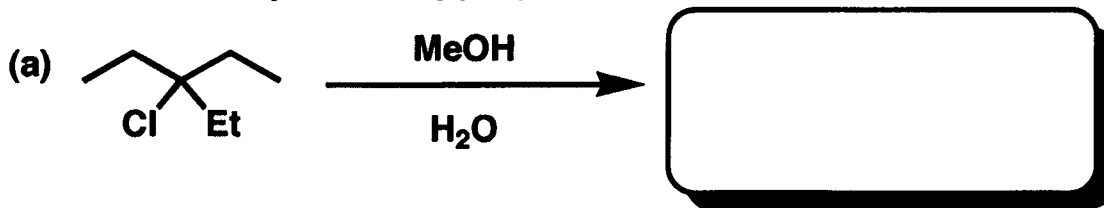
1. Fill in the table.

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

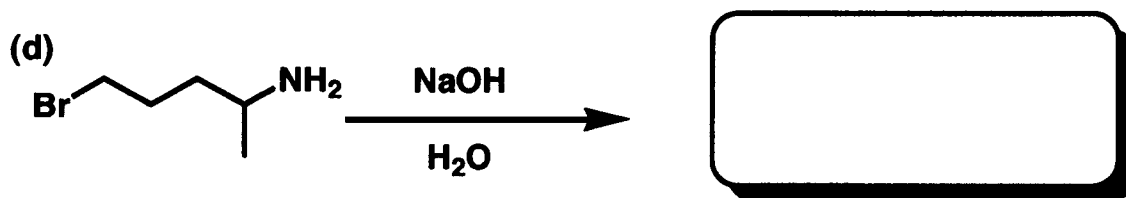
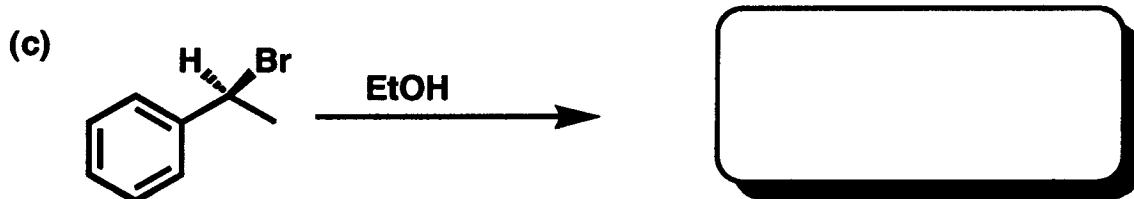
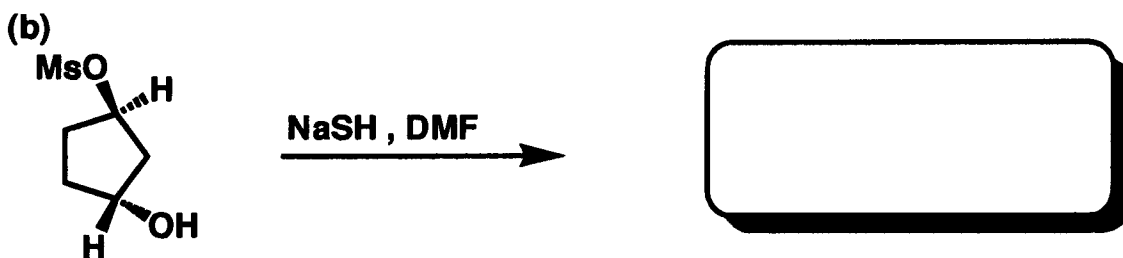
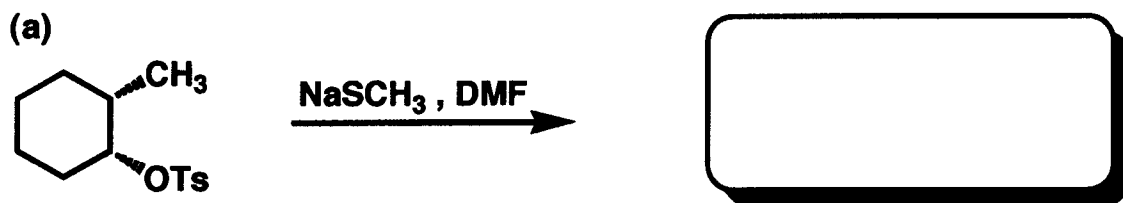
2. Draw the product(s) of each S_N2 reaction. Include stereochemistry where appropriate.



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

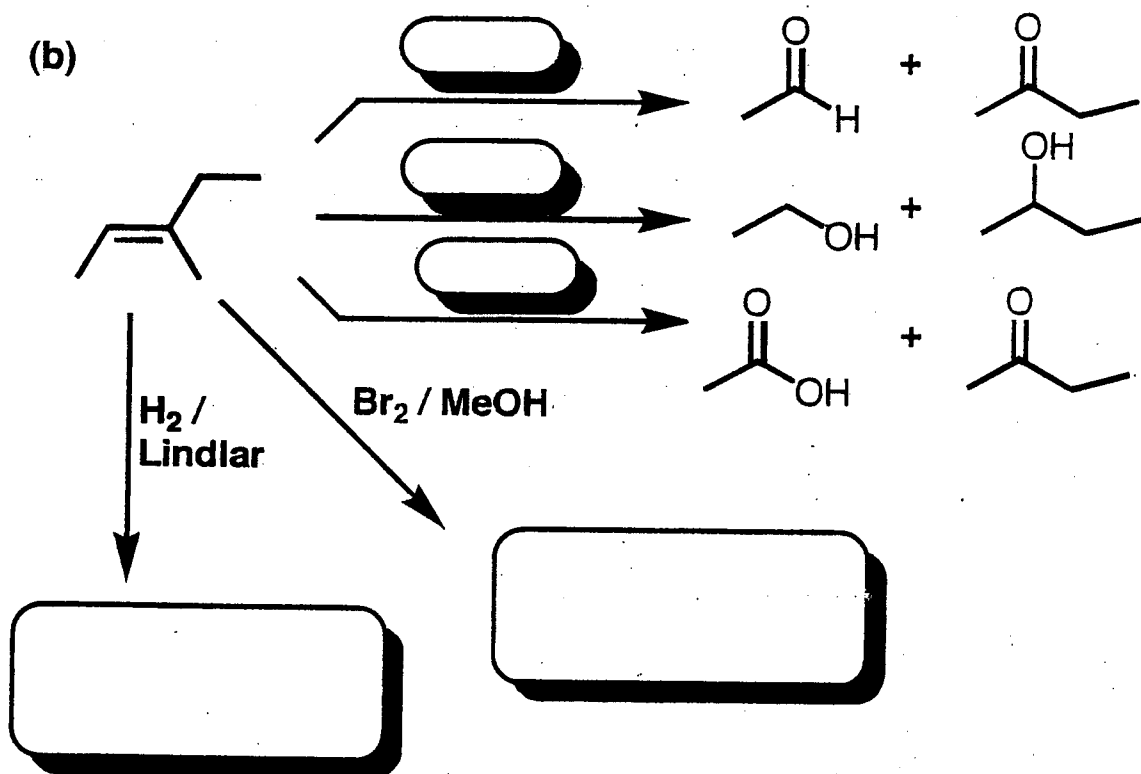
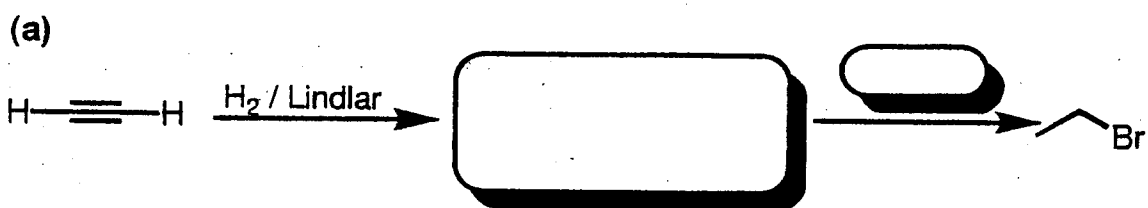


4. Determine whether these reactions follow an S_N1 or S_N2 mechanistic pathway. Explain why you decided upon the pathway you chose, predict the products in each case, and draw curved arrows.



Handout VI – Alkynes –

Fill in the Boxes.



****Some old Stu test questions****

