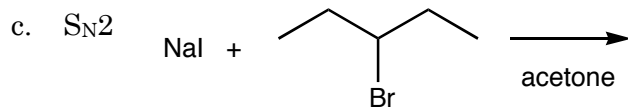
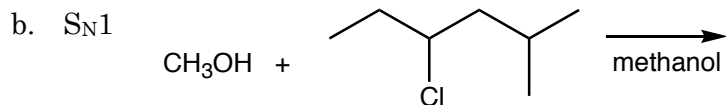
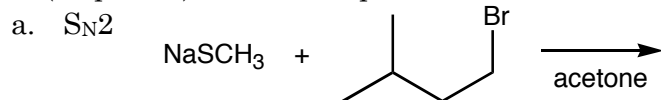

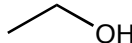
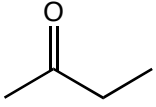


1. (10 pts ea.) Predict the products of the following reactions.



2. (30 pts.) Classify the following solvents as protic or aprotic.

		H_2O	CH_2Cl_2	
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3. (10 pts.) How do protic solvents encourage substitution reactions to occur by an S_N1 mechanism.

4. (10 pts.) Why would nucleophile quality effect the rate of a reaction that proceeds by an S_N2 mechanism but not one that proceeds by an S_N1 mechanism?