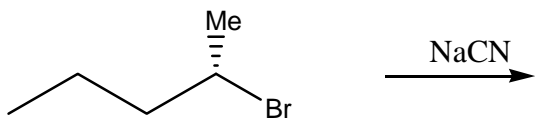
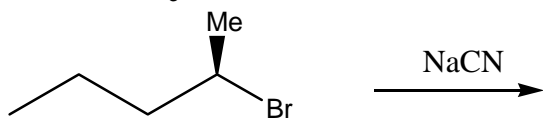
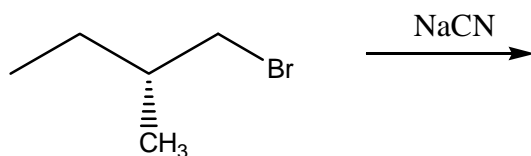
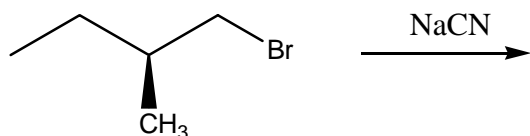
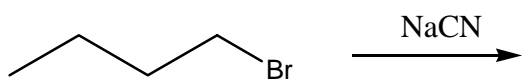


### Homework/Problem Set #6

#### Chapter 6: Nucleophilic Substitution Reaction

- 1) Write the following reactions and designate the nucleophile, substrate and leaving group in each reaction. **Clearly, if necessary, designate absolute stereochemistry to substrates and products and shortly discuss the stereochemical outcome for the reactions**



2. Which compound would you expect to obtain from the following reactions? Define stereochemistry.

