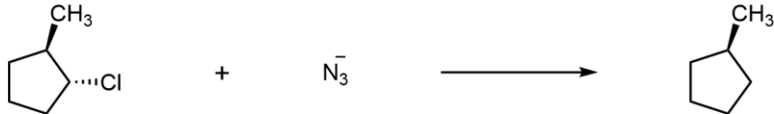
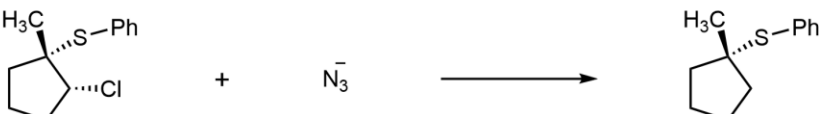

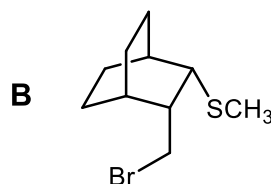
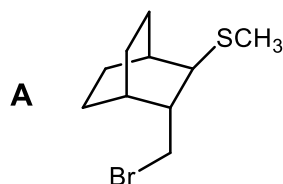


CONCEPT: INTRAMOLECULAR NUCLEOPHILIC CATALYSIS

- Intramolecular nucleophilic catalysis is a form of _____ group participation (NGP).
- **NGP:** change in reaction _____ and _____ chemical outcome of a reaction due to a neighboring group.

Intramolecular Nucleophilic Catalysis	
Reaction	Relative Rate
	_____
	_____
	_____

EXAMPLE: The following two compounds react with methanol to yield substitution products. Identify the compound that will react at a considerably faster rate than the other.



PRACTICE: The following compound has two stereoisomers. One isomer reacts with acetate more than a billion times faster than the other. Draw the structure of that isomer and write a plausible reaction mechanism.

