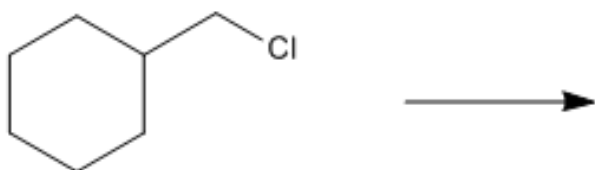


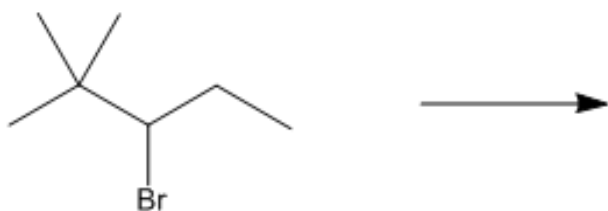
## CONCEPT: CARBOCATION INTERMEDIATE REARRANGEMENTS

□ Carbocations will rearrange to an adjacent, more stable possible if possible. This is called a \_\_\_\_\_

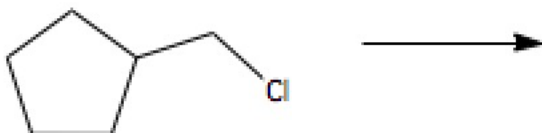
- **1,2-Hydride Shift** occurs when there is a \_\_\_\_\_ located on an adjacent, more stable carbon.



- **1,2-Alkyl Shift** occurs when only small \_\_\_\_\_ groups are located on an adjacent, more stable carbon.



- **Ring Expansion** occurs when a carbocation is adjacent to a 3, 4 or 5- membered ring



**PRACTICE:** Which of the following carbocations would be likely to rearrange? Draw each rearranged structure below.

