### Unimolecular Mechanisms- S<sub>N</sub>1 Reactions

#### Work through each problem before looking at the answer key below.



Arrange these carbocations from most stable to least stable.







## **Unimolecular Mechanisms- E1 Reactions**



Solvolysis gives 5 products. Consider both carbocations and draw all 5 products.		
	products from 2° carbocation	products from 3° carbocation
CH <sub>3</sub> OH Br		



# ANSWER KEY

## $S_N 1$ Reactions









## **E1** Reactions





