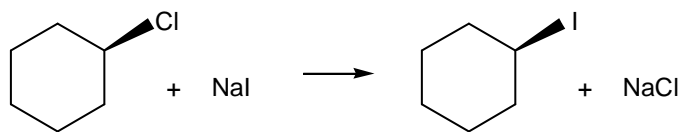
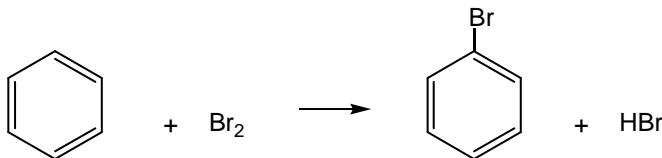


*Correction des Travaux dirigés (2010-2011)*

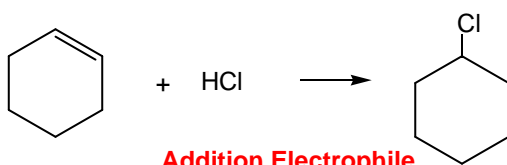
**Exercice n°1**



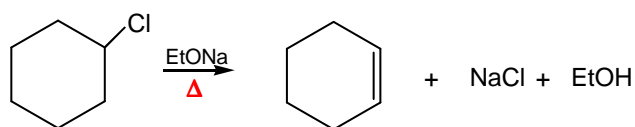
Substitution Nucléophile



Substitution Electrophile



Addition Electrophile



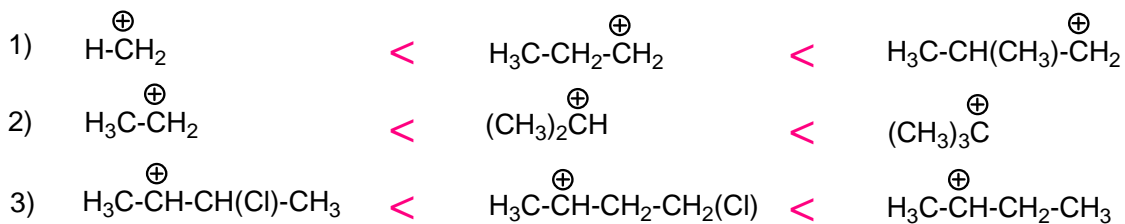
Elimination

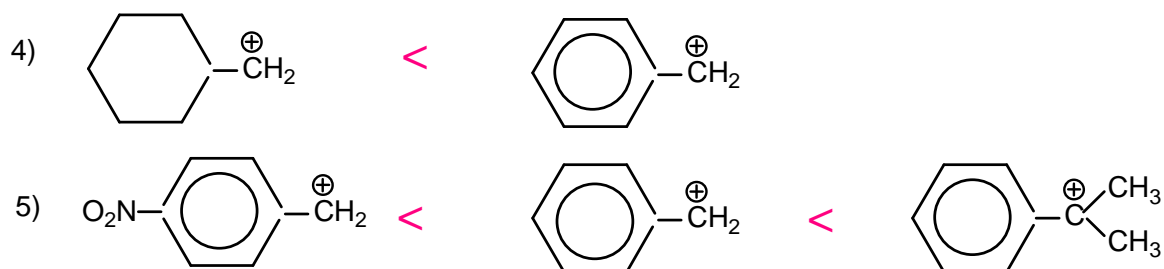
**Exercice n°2**

Solvants apolaires	Solvants polaires protiques	Solvants polaires aprotiques
Hexane	Méthanol	(CH <sub>3</sub> ) <sub>2</sub> S=O : DMSO
CCl <sub>4</sub>	H <sub>2</sub> O	(CH <sub>3</sub> ) <sub>2</sub> N-CHO : DMF
		CH <sub>3</sub> -CN
		Oxyde de diéthyle

**Exercice n°3**

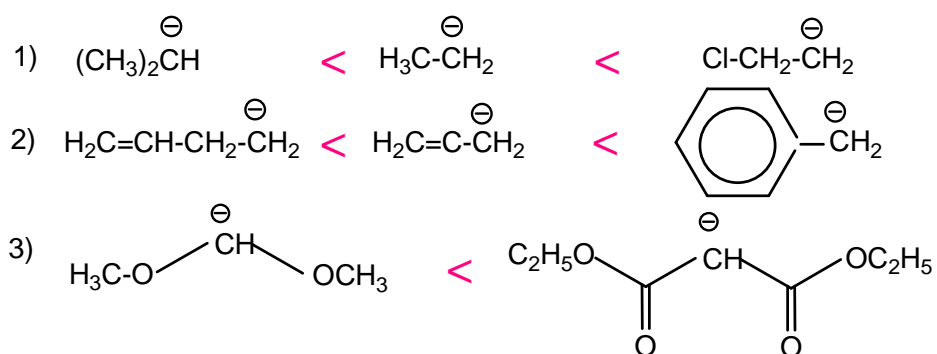
Classement des carbocations par ordre de **stabilité croissante** :





**Exercice n°4**

Classement des carbanions par ordre de **stabilité croissante** :



**Exercice n°5**

Nucléophile	Electrophile
<b>CH<sub>2</sub>=CH<sub>2</sub></b> Electrons π	<b>AlCl<sub>3</sub></b> Acide de Lewis
<b>CH<sub>3</sub>O<sup>-</sup></b> Charge négative	<b>NO<sub>2</sub><sup>+</sup></b> Charge positive
<b>HO<sup>-</sup></b> Charge négative	<b>H<sub>3</sub>O<sup>+</sup></b> Charge positive
<b>NH<sub>3</sub></b> Doublet libre	
<b>C<sub>6</sub>H<sub>6</sub></b> Electrons π	