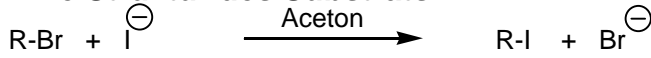
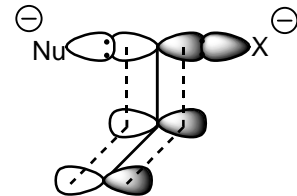


## 2.2 Die S<sub>N</sub>2 - Reaktion

### 2.2.1 Die Struktur des Substrats

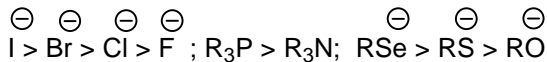


R	k <sub>rel</sub>	R	k <sub>rel</sub>
CH <sub>3</sub>	30		40
Et	1		120
CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub>	0.4		15000
	0.025		
	0.00001		

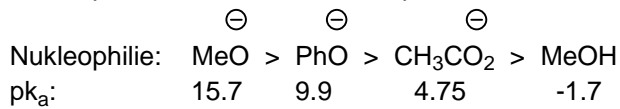


S<sub>N</sub>2 : Me > prim > sek >> tert- ~ Neopentyl, aber Allyl, Benzyl, π-Substituenten reagieren schnell

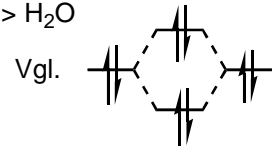
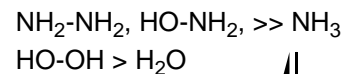
### 2.2.2 Das Nucleophile Agens



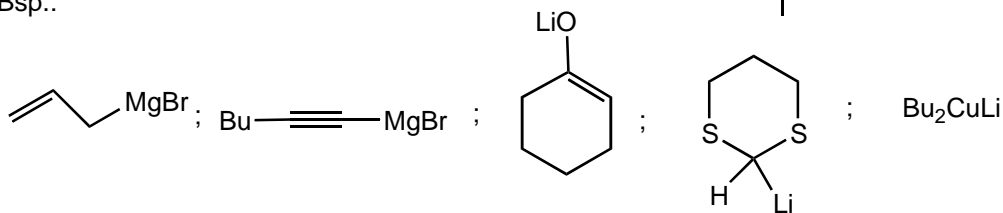
Nucleophilie und Basizität laufen parallel am selben Zentralatom



α-Effekte:



"Carbanionen" sind gute Nucleophile  
 Bsp.:



Ambidente Nucleophile:

