

## Difference between S<sub>N</sub>2 and S<sub>N</sub>1

	S <sub>N</sub> 2	S <sub>N</sub> 1
<b>Molecularity</b>	Bimolecular	Unimolecular
<b>Order</b>	Second Order	First Order
<b>Alkyl halide</b>	CH <sub>3</sub> X > 1° > 2° > 3°	CH <sub>3</sub> X < 1° < 2° < 3°
<b>Nucleophile</b>	Strong	Not Important (usually weak)
<b>Leaving Group</b>	Good One	
<b>Stereochemistry</b>	Inversion	Inversion + Retention
<b>Rearrangements</b>	No	Yes