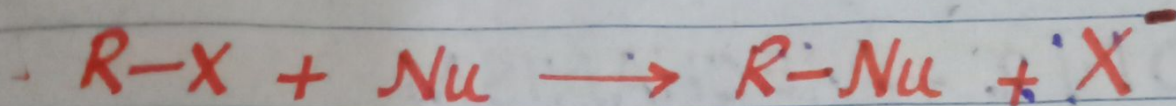


SN REACTION



$R-X$ = Substrate

Nu = attacking nucleophile

$R-X$ = Leaving group

X^- = leaving nucleophile

NUCLEOPHILES	REAGENTS	PRODUCTS
OH^-	$NaOH$	Alcohol
CN^-	$NaCN$	Cyanide or nitrile
NH_2^-	$NaNH_2$	Amines
SH^-	KSH	Thioalcohol
CH_3COO^-	CH_3COONa	Ester
OCH_3^-	CH_3CONa	Ether
$HC \equiv C^-$	$HC \equiv CNa$	Higher alkynes