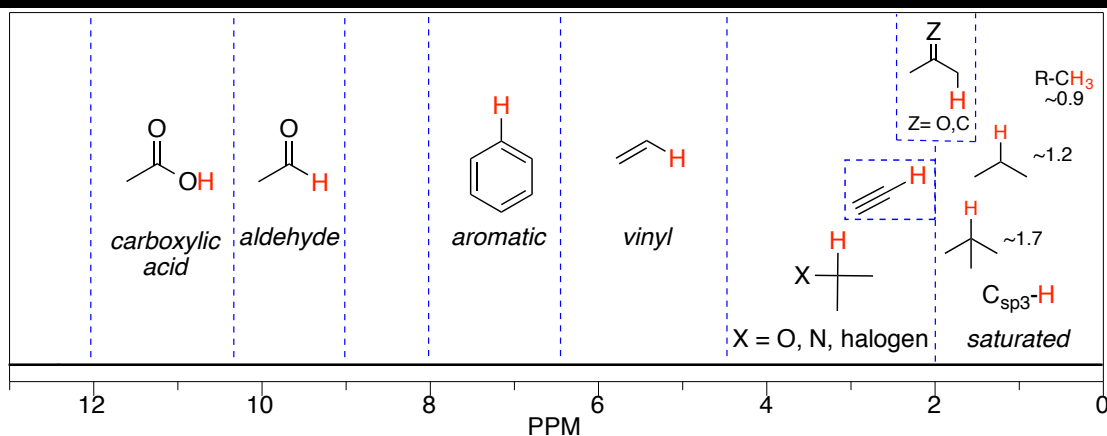


Chemistry 233 Final Exam – Supplemental Data

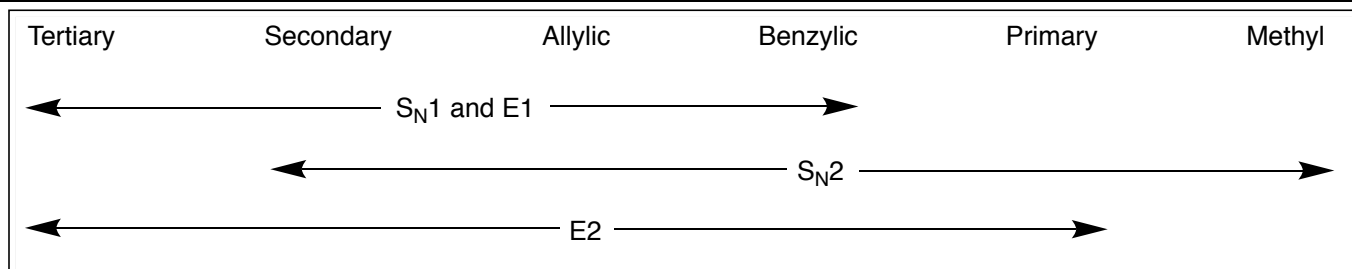
The Periodic Table

[illegible]

Common ^1H NMR Chemical Shifts



Competition Between Substitution and Elimination



<u>Substrate</u>	<u>Base/Nucleophile</u>	<u>Experimental Finding</u>
1°	strong	S _N 2 favored over E2
2°	strong	E2 favored over S _N 2
3°	strong	E2 favored over S _N 1 and E1
2°, benzylic, allylic	weak	Both E1 & S _N 1 Products
Any	any base	Heat favors elimination over substitution