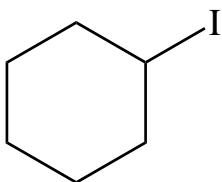
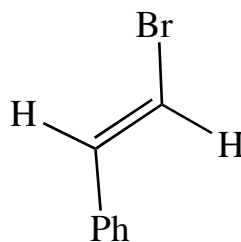


## Ex 50 - Substrate dependence of SN2

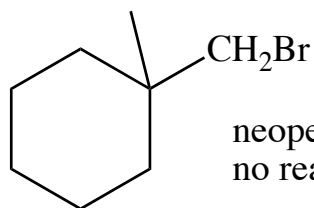
Which of the following substrates will be OK for SN2?



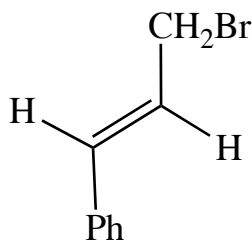
2°, fair



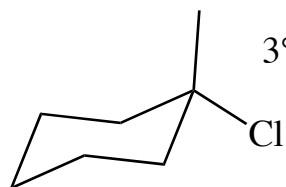
vinyl, no reaction



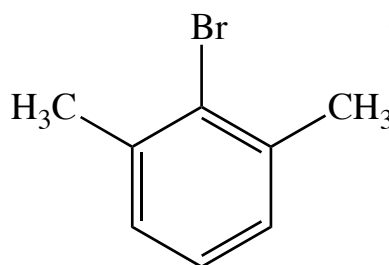
neopentyl,  
no reaction.



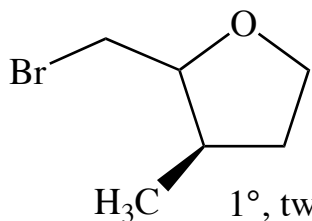
1° allylic, good



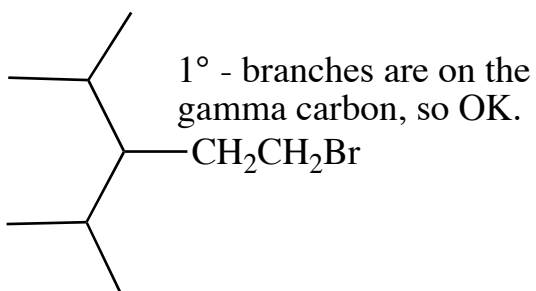
3°, no reaction



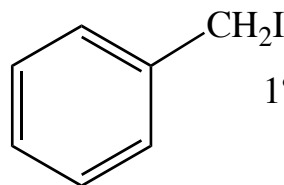
aryl, no reaction



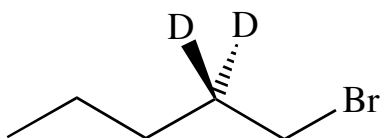
1°, two beta branches, fair



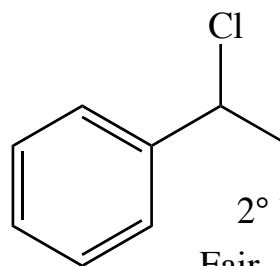
1° - branches are on the  
gamma carbon, so OK.



1° benzylic, good.



1°. Deuterium, the heavy isotope of H, is actually smaller than H so these will not impede SN2.



2° benzylic.  
Fair