

## Homework 2 – CHEM 244

Name	
Student ID	













10. How could a Diels-Alder reaction be used to synthesize the following compound?				
11. Draw the structure of the following:				
A. <i>p</i> -vinylbenzaldehyde	B. <i>m</i> -nitrotoluene	C. o-dinitrobenzene		
12. Write out the steps in mechanism for nitration of benzene				