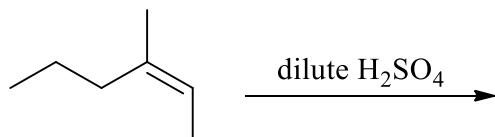
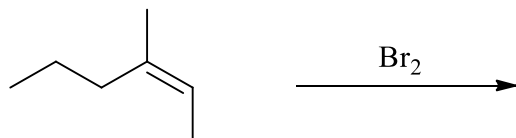


- Briefly explain Markovnikov's Rule in terms of the mechanism of electrophilic addition; *i.e.* why does Markovnikov's Rule work?

**2**

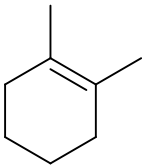
- Give the constitutional formula(s) of the major organic products formed in each of the following reactions:

2



**Marks**  
**1**

- Complete the following table.

Starting material	Reagent / Conditions	Major organic products(s)
	$\text{H}_2(\text{g})$ Pd/C catalyst	

**THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.**