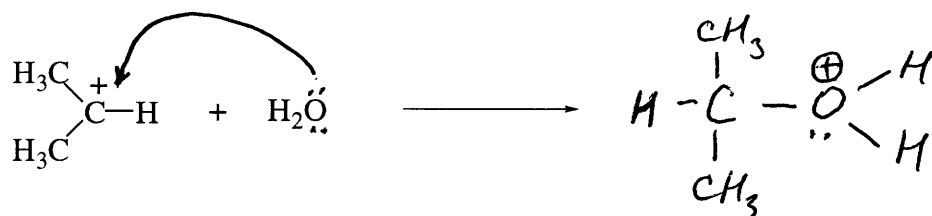
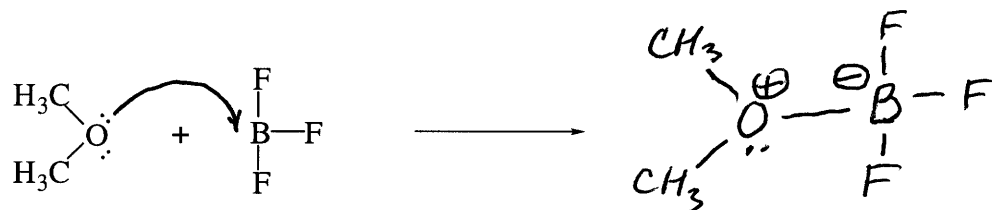
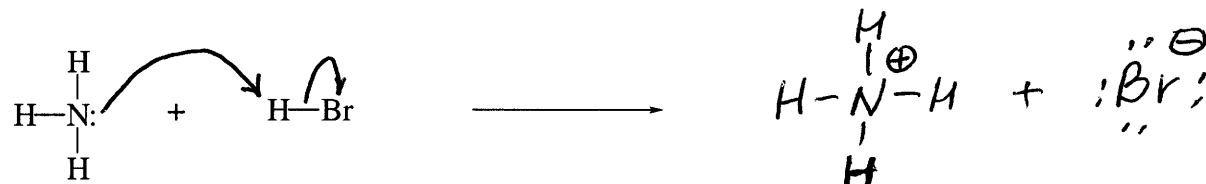


Chemistry 2521; Fall 2001; Sample Quiz 4 (Ch. 4)

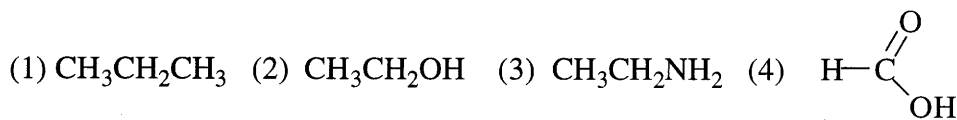
Printed Name (Last, First) \_\_\_\_\_

Key

1. (12) Complete each of the following **acid-base** (or **Lewis acid-base**) reactions (2 pts each). Use **curved arrows** to show the flow of electrons in each reaction (2 pts each).



2. (4) Arrange the following compounds in order of decreasing acidity:

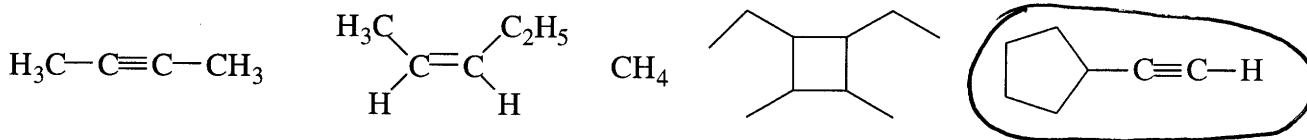


(4) > (2) > (3) > (1)  
strongest weakest

3. (3) Which one of the following compounds is the **strongest base**?



4. (3) Which one of the following compounds has the most **acidic C-H bonds**?



5. (3) Which one of the following compounds is a strong **Lewis acid**?

