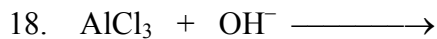
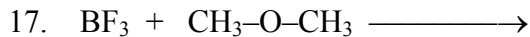
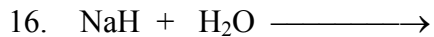
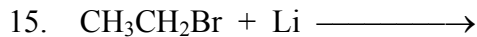
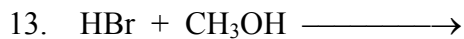
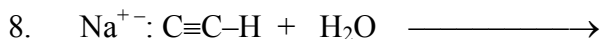
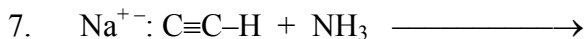
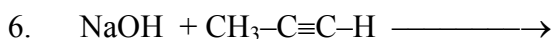
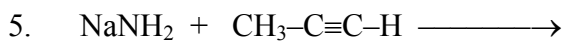
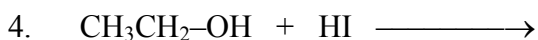
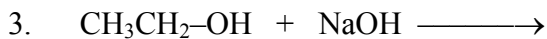
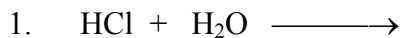
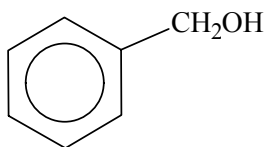


**Organic Chemistry I**  
**Problem Set 3**  
**Acid-Base Chemistry**

I. Write balanced equations when a significant reaction occurs. If no reaction occurs write NR.



II. 1. Rank these in increasing order of acid strength (weakest = 1)



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2. Rank the strength of these bases: (weakest = 1)



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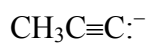
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3. Rank the strengths of these bases:



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