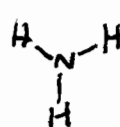
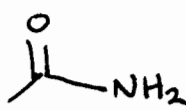
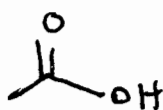
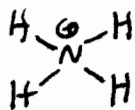


DRILL QUESTIONS: WEEK 9 (10.27.03-10.31.03)

AMINES AND CARBOXYLIC ACIDS

① MATCH COMPOUNDS A-F WITH A PKA FROM THE FOLLOWING: 4.76, 5.21, 6.95, 9.2, 15.1, 38

WHY DO YOU THINK THEY HAVE TO BE IN THIS ORDER? (i.e. Why is any compd more/less acidic than another?)



A: _____

B: _____

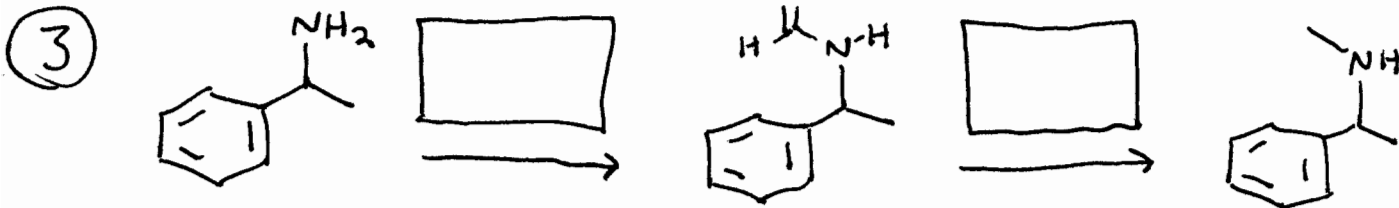
C: _____

D: _____

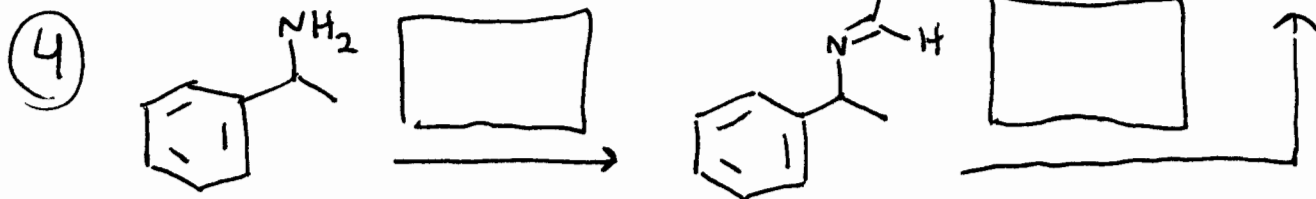
E: _____

F: _____

② 4 products isolated, what are they?



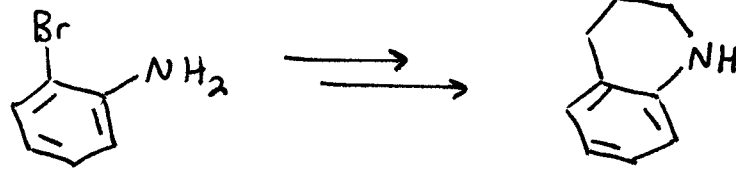
- provide missing reagents
- why doesn't multiple addition occur?



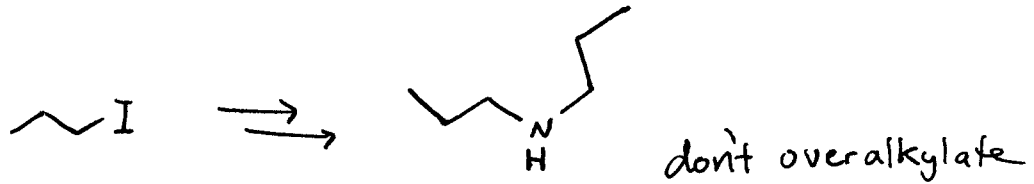
- provide missing reagents
- why doesn't the iminium route work?

SYNTHESIS: PROVIDE A SYNTHETIC SCHEME

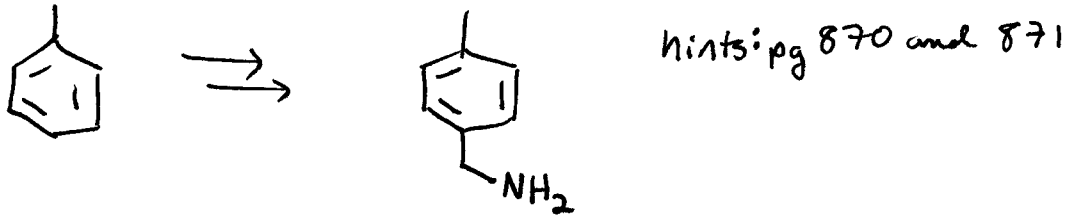
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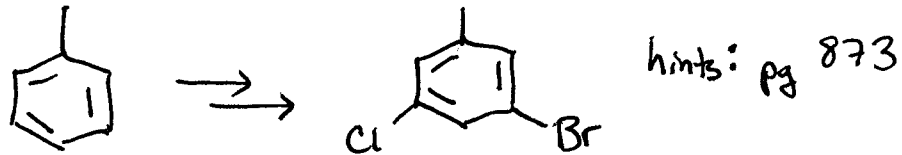
6



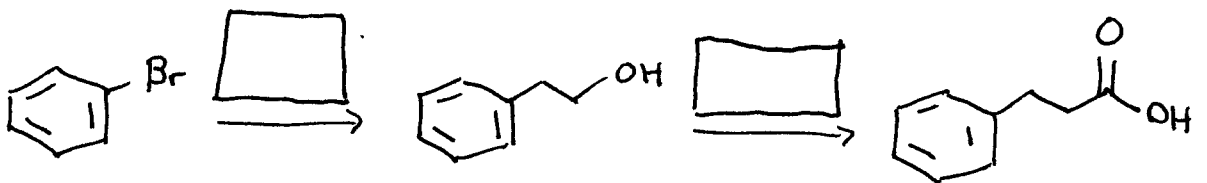
7



8



9



10

