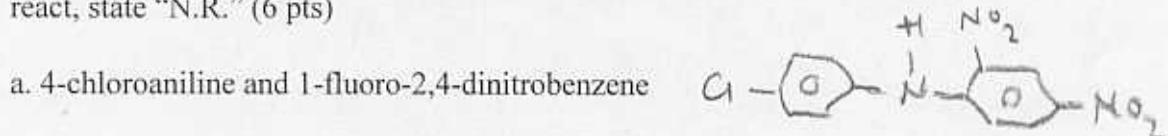
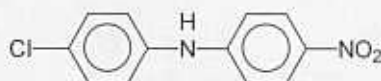
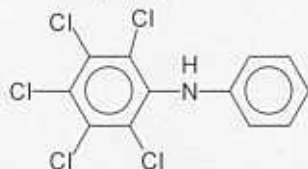


1. Consider the following reactants. If you expect them to generate substituted diphenylamines, show a structural formula for the product. If you don't expect them to react, state "N.R." (6 pts)



2. Shown below are two compounds similar to the one we prepared last time. Name them! (4 pts)



2,3,4,5,6-pentachloro-diphenylamine

4-chloro-4'-nitro-diphenylamine

3. Name the product you will prepare today! (1 pts)

benzil

4. Circle all the reactant pairs below that can be condensed to substituted diphenylamines in analogy to aniline and 1-chloro-2,4-dinitrobenzene! (4 pts)

