NAME	
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1. Circle the molecules that are aromatic. No partial credit. 3 points each

2. There is a problem with each of the following syntheses. (8 points each)
CIRCLE the problematic step, and describe the proble in the space below in 30 words or less

NAME		

3. Suggest a multistep synthesis, using **benzene** and any other materials that contain **5 carbons or less.** Reagents that do not end up in the product (e.g. PPh₃) may contain more than 5 carbons

4. Provide a detailed arrow pushing mechanism (24 points)