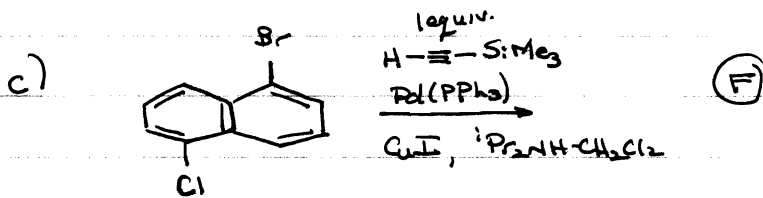
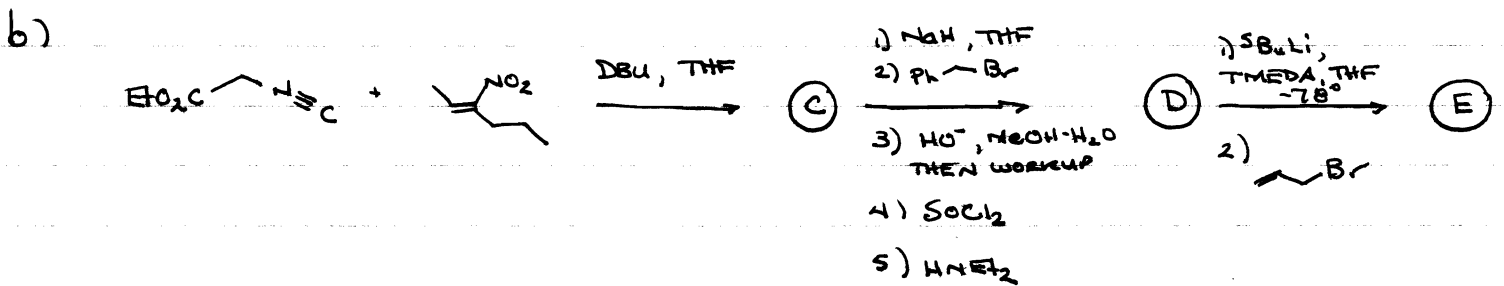
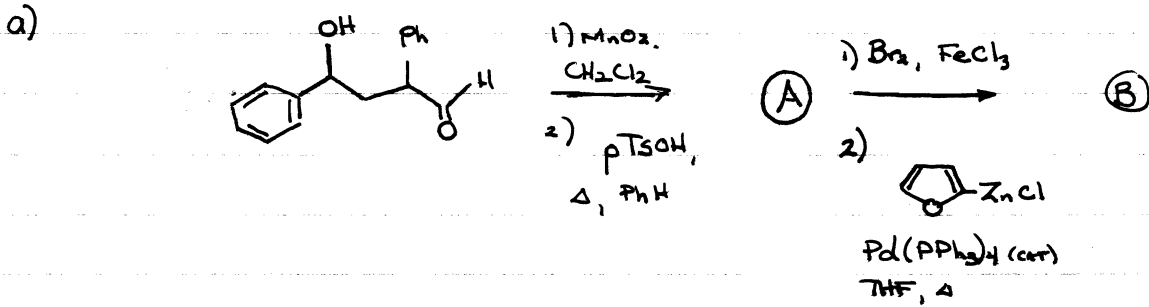
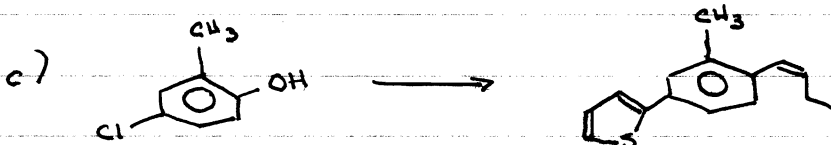
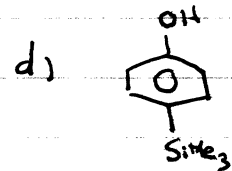


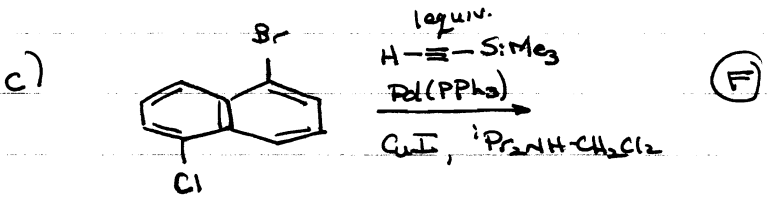
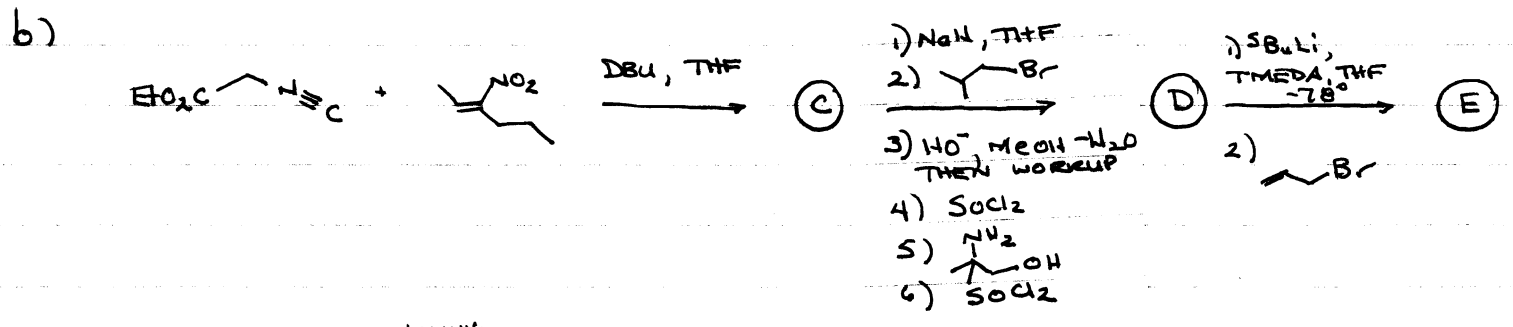
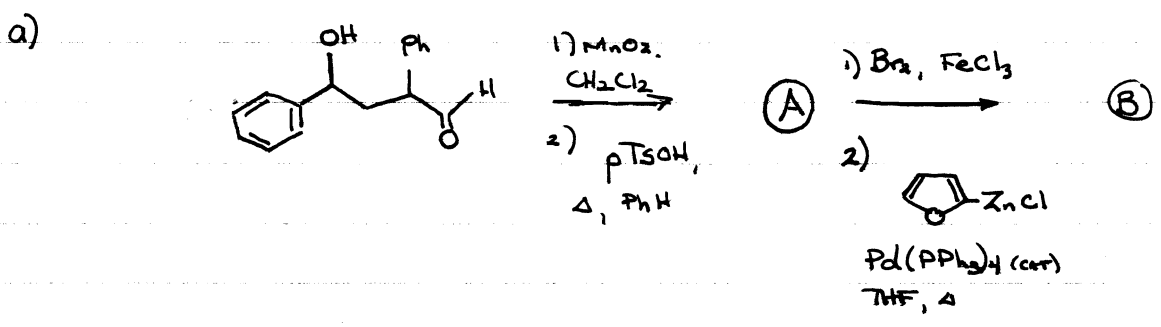
1. GIVE THE MOST REASONABLE PRODUCTS INDICATED FOR THE SHOWN TRANSFORMATIONS. DRAW ANY INTERMEDIATES THAT COULD BE ISOLATED, AND STEREOCHEMISTRY IF RELEVANT.



2. GIVE REASONABLE ROUTES FOR THE FOLLOWING MULTISTEP TRANSFORMATIONS. SHOW ISOLABLE INTERMEDIATES AND GIVE REASONABLE RAW CONDITIONS. INDICATE STEREOCHEMISTRY WHERE RELEVANT



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2. GIVE REASONABLE ROUTES FOR THE FOLLOWING MULTISTEP TRANSFORMATIONS. SHOW SOLUBLE INTERMEDIATES AND GIVE REASONABLE RXN CONDITIONS. INDICATE STEREOCHEMISTRY WHERE RELEVANT

