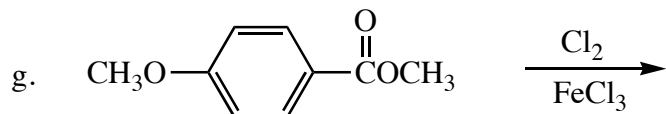
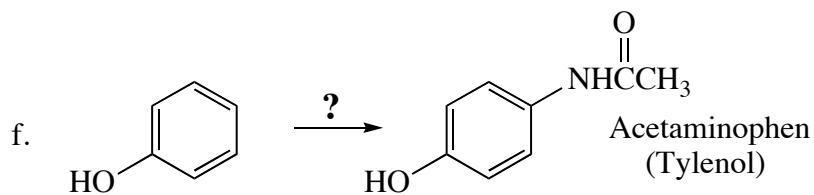
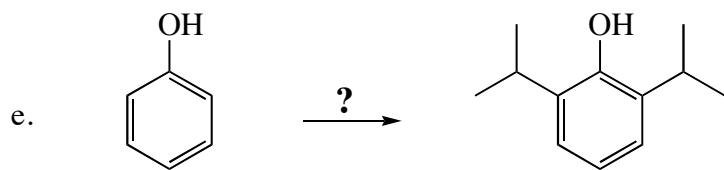
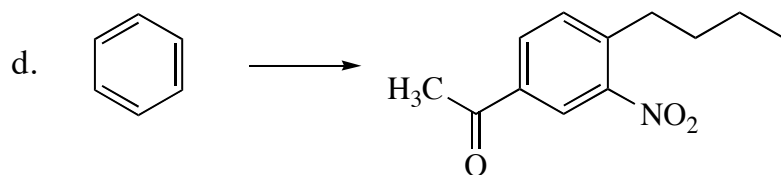
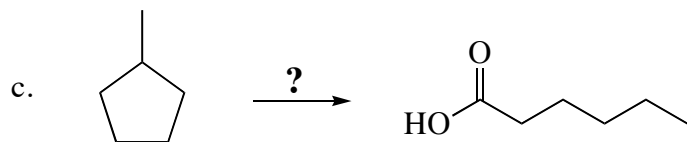
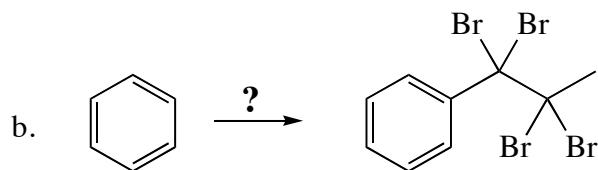
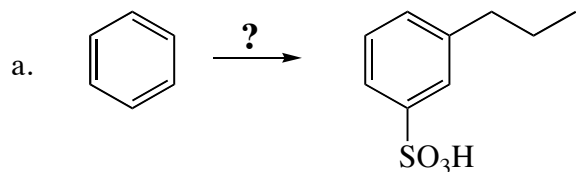


51C Practice Problems 2
Spring, 2019

1. Provide a synthesis of the following products from the given starting materials or predict the major product. For synthesis, if more than one step is required, number individual steps:



2. Provide a synthesis of the following products from the given starting material:

