Name___key_____

Chem 332 Spring 2013 Homework #1 Due 10 a.m.Monday, Feb 11th

1. (10 points) Deduce the structures of **A** and **B**, and name **A** and **B**.



2. (10 points) Using any starting materials that conribute three or fewer carbons to the final product, outline a synthetic route to C. Absolute configuration is not important, but relative configuration is.



3. (10 points) Deduce the structure of \mathbf{E} , and draw an arrow-pushing mechanism for its formation. NaBH4 can be represented in the mechanism as H⁻. Mild acid workup is assumed.

