**Exercise 15: Little Boxes to Alkenes (refer to Supplement 13)**

Organic Chem I Alfred State College

**1)**



 **+**

 **Only only product geometry**

**2)**

**Zn + 2-butene +**

**3) MAJOR**



 **+ ethanol**

 **Minor**

**4) H+/reflux**



 **MAJOR**

 **+ +**

 **Minor**

**5)**

 **+ E-2,2-dimethyl-3-hexene**

 **only product geometry**