**EXERCISE #7: Precision Roadmapping**

Organic Chem II Alfred State College

In-class `research team’ activity

**After random problem assignment, work together with the person to your left and right for 10 minutes and try to find the most unambiguous and minor-product free routes starting:**

1) from ethyne to 1,1-dichloroethane

2) from ethene to cis-3-hexene

3) from ethanol to trans 1,2-dibromo—1-butene

4) from ethyne and any alcohol to trans C5H11CH=CHC3H7



5) from ethyne, and any alcohol to: