**EXERCISE #6: Practice Reacting Alkynes**

Organic Chem II Alfred State College

1. Only cis form



 +

2)



 + 2HBr

1. + \_\_



 4)



5)Route to trans-only 2-hexene



6) Route to just

 (solvent) Trans only



7) +

8) Route to 1-bromo-1-butene (hint: an anti-Markovnikoff add)

9) Route to

