

## Chem 345 – Organic Reactions

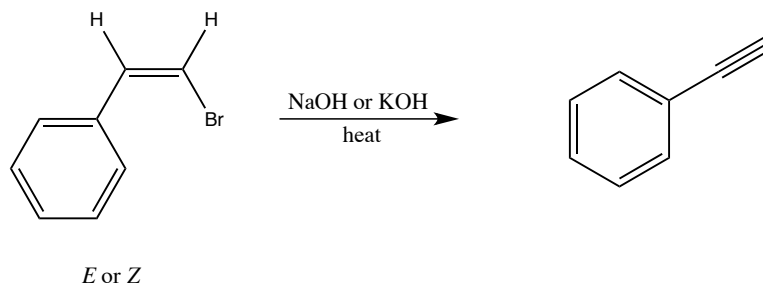
### Chapter 18

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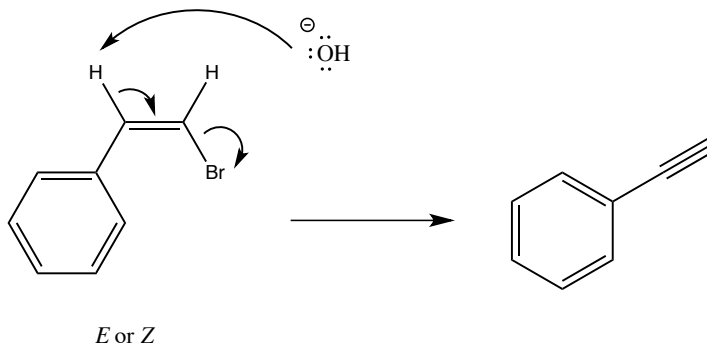
<http://www.chem.wisc.edu/areas/clc> (Resource page)

### Synthesis of Alkynes from Vinylic Halides

Reactions:



Mechanism:



The reaction is a concerted mechanism. It's like an E2 elimination reaction. This reaction is favored because of the acidity of the benzylic hydrogen atoms. The same case occurs with allylic compounds. The reaction below illustrates this point although two equivalents of the base are required.

