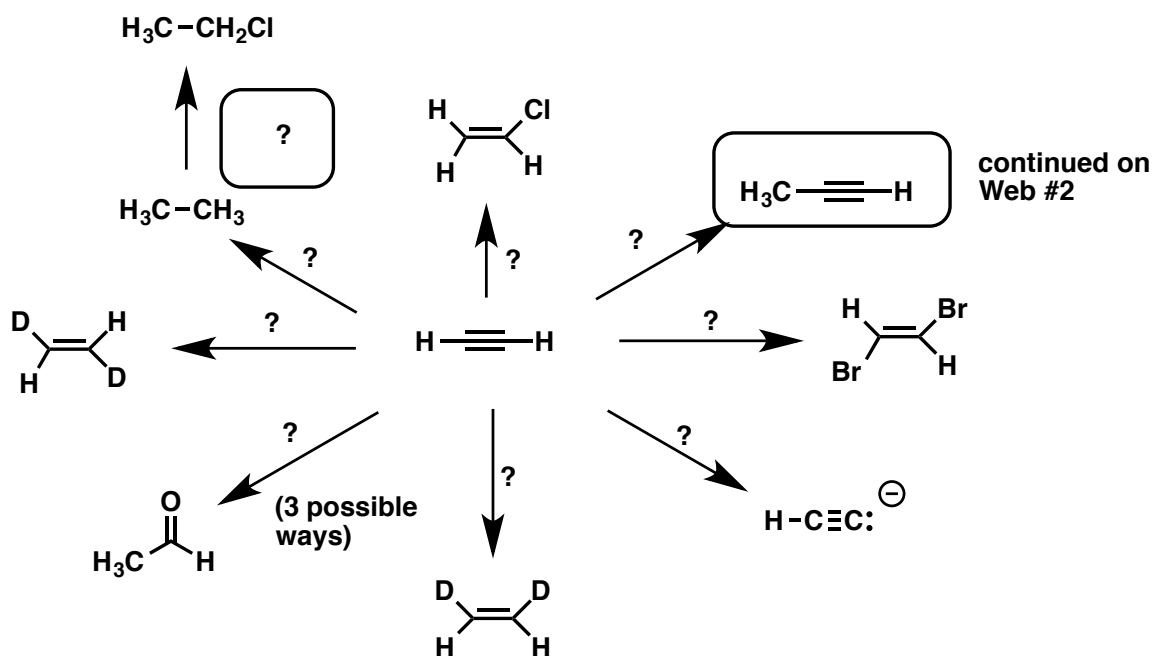
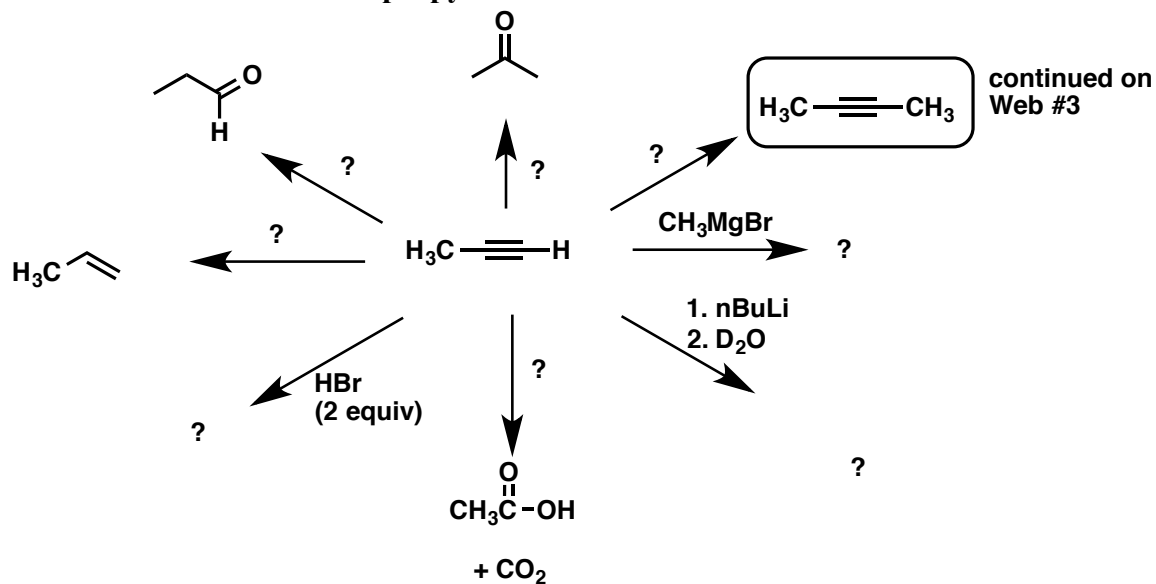


5. Web Of Reactions – fill in the blanks for each question. At the end of Web #5 you should be ready for synthesis.

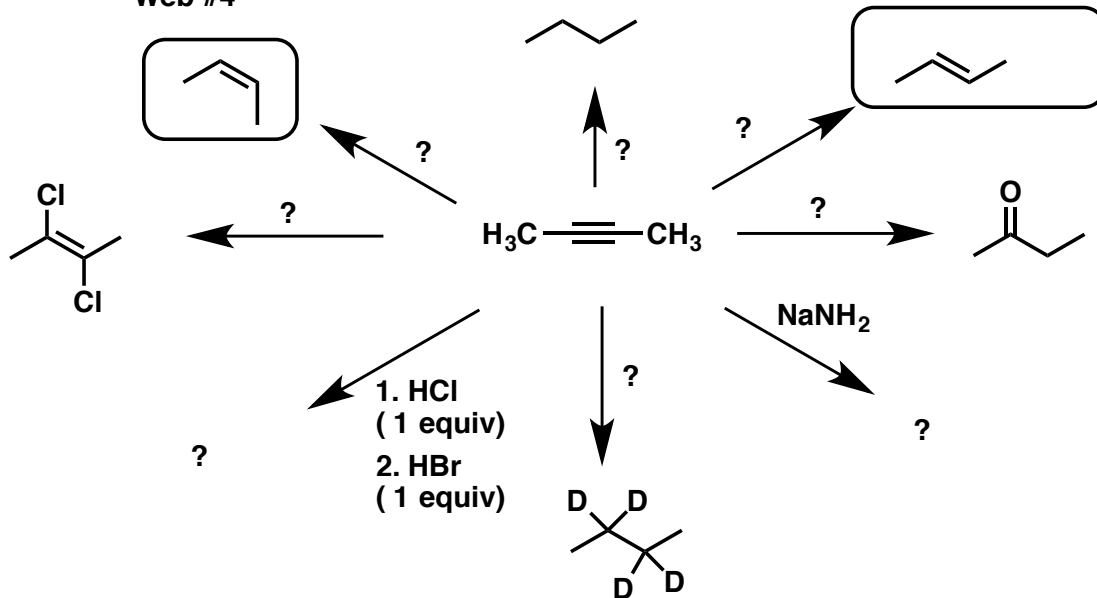
Web #1 – start with acetylene



Web #2 – now work with 1-propyne

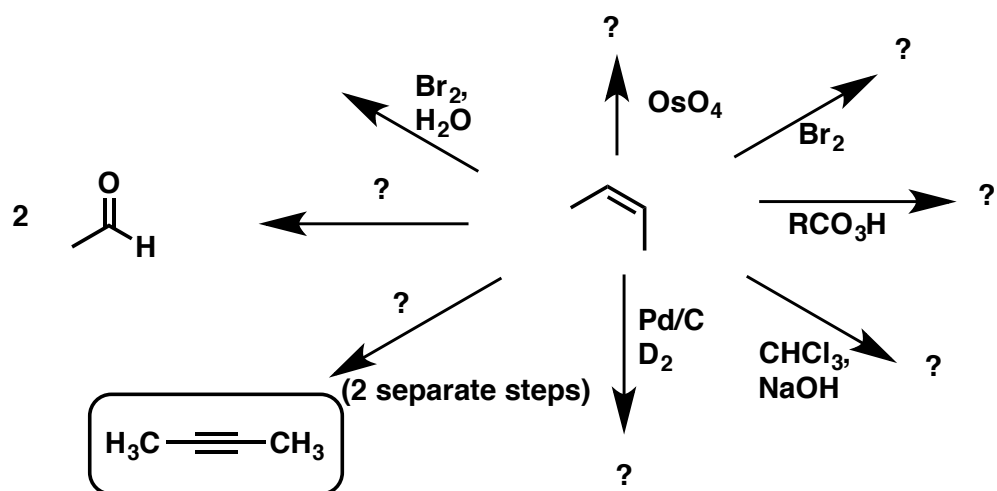


Web #3 – starring 2-butyne
continued on
Web #4



Web #4 – cis-2-butene

pay close attention to stereochemistry!

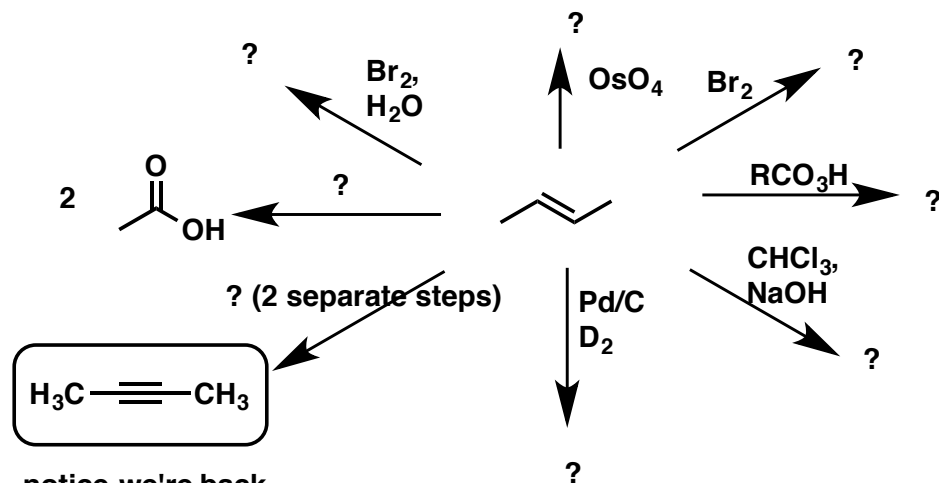


notice we're back
to Web #3!

Bonus: which products are chiral?

Web #5 – trans-2-butene

pay close attention to stereochemistry!



notice we're back to Web #3!

Bonus: which reactions produce chiral products?

Web #6 – Now try to put it all together!!!

Outline the following syntheses: if you are successful you are ready for synthesis.

