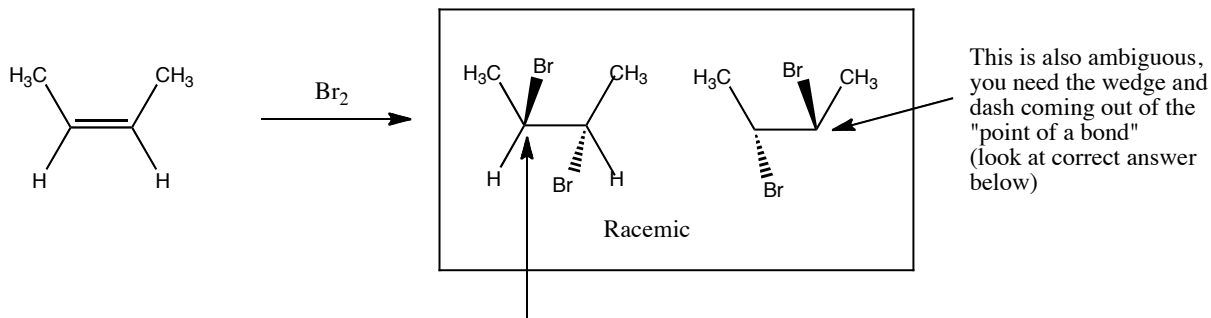


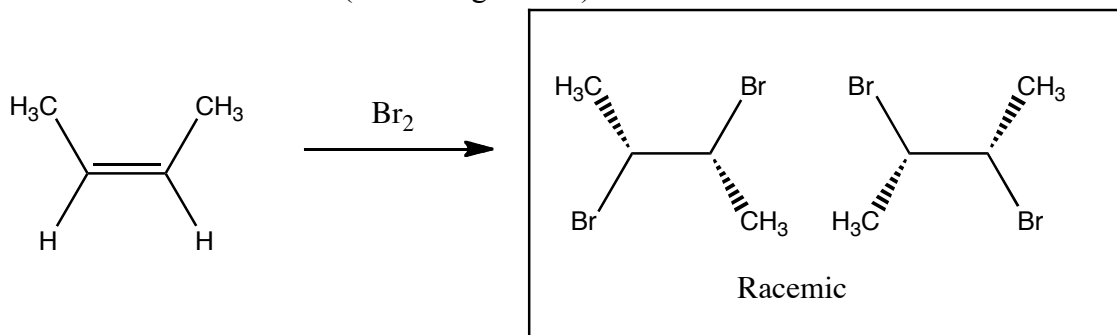
Mistakes from HW 5

This is the INCORRECT answer:

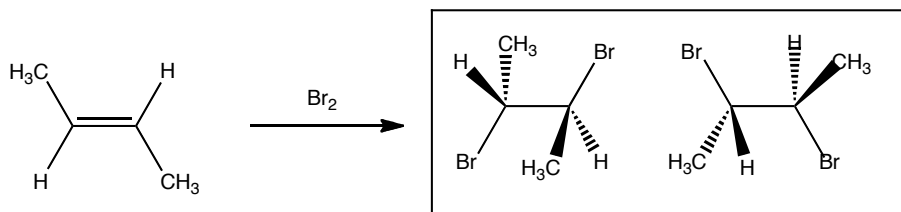


To properly indicate stereo chemistry, you need **both a wedge and a dash** (unless the other wedge/dash is a hydrogen). Having three bonds in the same plane is ambiguous!

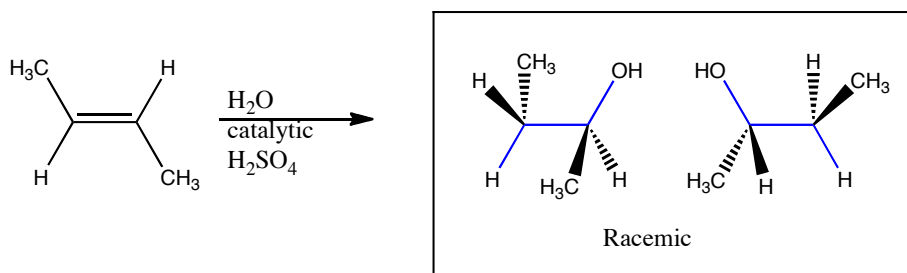
This is the CORRECT answer (in line angle form):



THE FOLLOWING IS AN INCORRECT ANSWER!



These are the same two molecules!
If you draw the exact same molecule twice, that is considered incorrect!
Meso compounds should be drawn only once.



The addition of HX is a MIXED addition, so just drawing the anti addition product is not enough. This will lead you to drawing THE SAME MOLECULE. (the chiral carbon in both of these molecules is *S*)

The following is the CORRECT answer:

