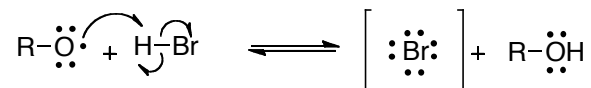


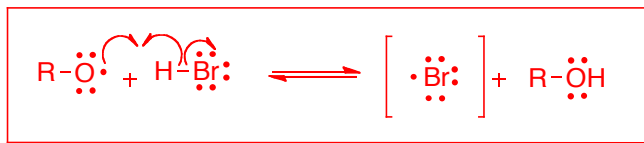
Common Mistakes of Problem Set 7

This is a WRONG answer:

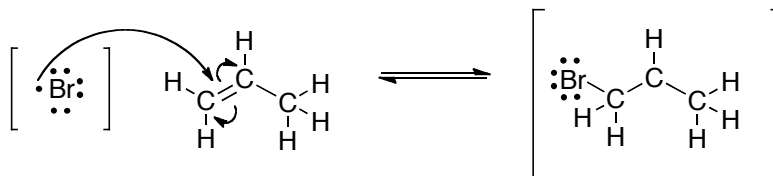


Notice that the single headed arrows are NOT connecting, to form a bond, the arrows should be connecting as shown in the answer below. The bromine radical produced has SEVEN electrons (not 8).

This is the CORRECT answer:

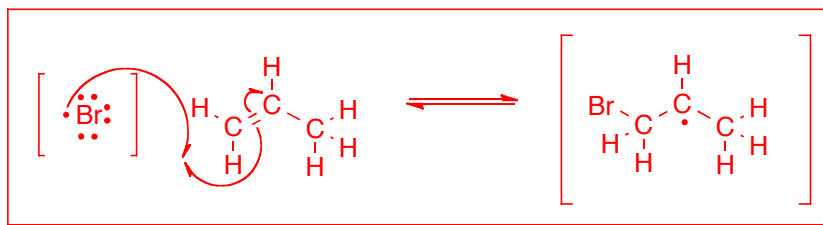


This is a WRONG answer:

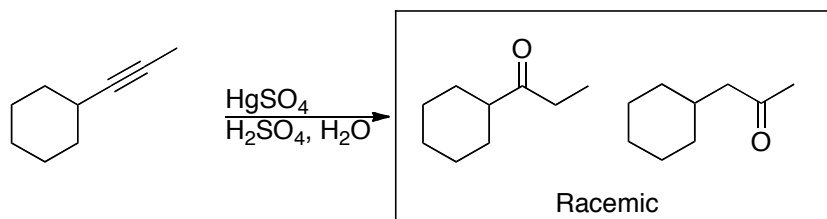


Recognize that SINGLE HEADED arrows are used in radical reactions. Also, the arrows are not connecting when forming the C-Br bond. Recognize that there needs to be a radical electron on the central carbon in the product.

This is the CORRECT answer:



This is a WRONG answer:



This is NOT racemic. Just because there is a mixture of products, that does not mean that it is racemic.

Racemic: a 1:1 mixture of product *enantiomers*.

This is a CORRECT answer:

