

ORGANIC WORKSHEET 03a: ANSWERS

In each of the following mechanisms, predict the product(s). If there are multiple products then distinguish between them carefully, i.e., make it obvious that they are separate from one another.

Tip: It is VERY important to maintain both the number of atoms, AND any overall charges, AND any free radicals present, when going from the reactants to the products. (20)

Reactants & Electron Movement	Product(s)
(a)	$\text{Br}-\text{CH}_3 + \text{I}^-$
(b)	
(c)	
(d)	$\text{H}_2\text{C}=\text{O} + \text{H}^+$
(e)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)_2 + \text{H}_2\text{O} + \text{Br}^-$