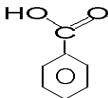
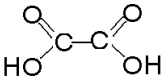


Organic Reactions

Show structural formulas for reactants and products.

1. 1-butene + bromine
2. 3-methyl-2-pentene + hydrogen
3. propene burned in excess oxygen
4. water reacts with 2,3-dimethyl-2-butene
5. ethyne burned in excess oxygen
6. excess hydrochloric acid added to propyne
7. one mole of hydrobromic acid added to ethyne
8. 3 moles of chlorine gas added to ethane
9. 1-butanol + propanoic acid
10. methanol + benzoic acid

11. pentanoic acid + 1-octanol
12. magnesium + ethanoic acid
13. benzoic acid + sodium hydroxide
14. potassium carbonate + oxalic acid (diethanoic acid)

15. propyne + excess iodine
16. 1-butene + hydrogen bromide
17. production of 1,1,2-trichloroethane from ethene and chlorine
18. one mole of HCl + ethyne
19. propene + hydrogen
20. cyclohexane + chlorine
21. ethanol + butanoic acid
22. 2-pentene + bromine
23. ethene + water
24. chloroethane + NaOH (dilute and Conc)
25. cyclopentene + HBr
26. cyclohexane+chlorine
27. bromobenzene + NaOH
28. methanol oxidized (1st stage)
29. 2-propanol oxidized(1st stage)
30. # 28 oxidized
31. ethanoic acid + magnesium hydroxide
32. Complete combustion of
2-methylpentanoic acid

Page 27: #1+3
Page 30: #4
Page 31: #2-3
Page 37: #6, #2
Page 44: #7-9
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Page 78: #11,#1