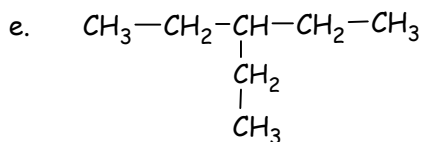
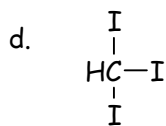
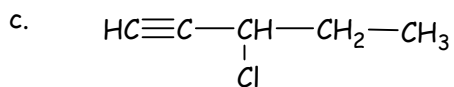
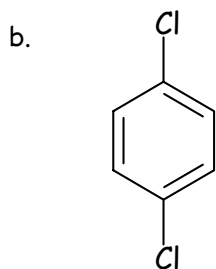
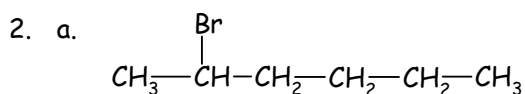


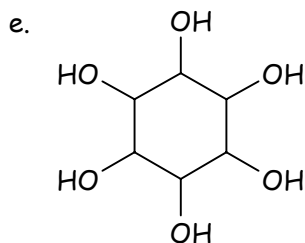
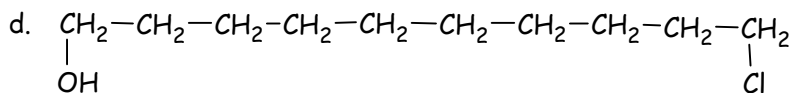
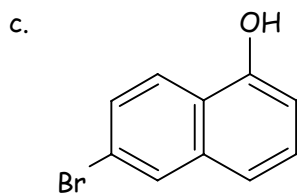
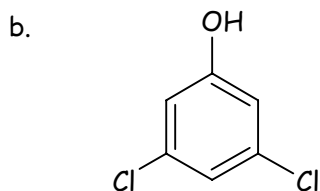
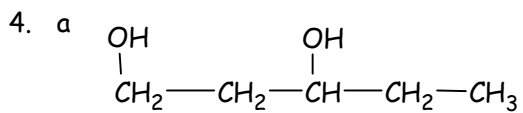
Organic Chemistry - Worksheet 6 - Answers

Derivatives of the Hydrocarbons

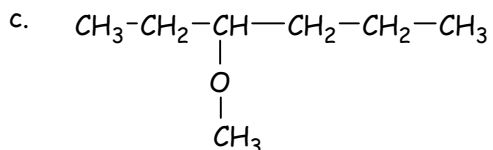
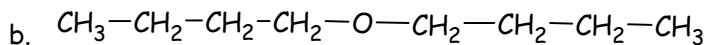
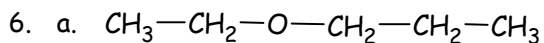
1. a. 2-bromo-2,3-pentadiene
b. 2,3-dichlorobutane
c. 3-bromo-1-butene
d. 1-iodopentane
e. 1,4-dichloropentane

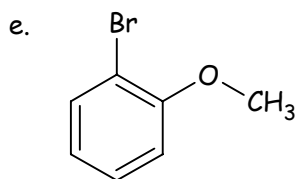
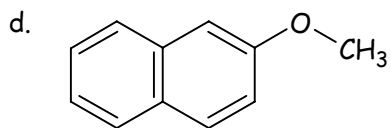


3. a. 2-butanol
b. 1-butanol
c. 2,2-dimethyl-1-propanol
d. 1,2,3,4,5-hexanepentol
e. 1-bromo-2-naphthol

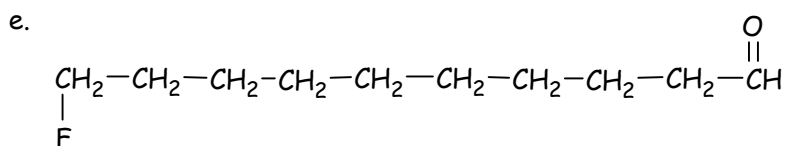
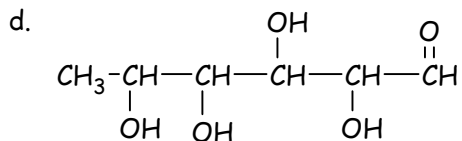
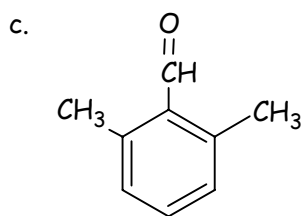
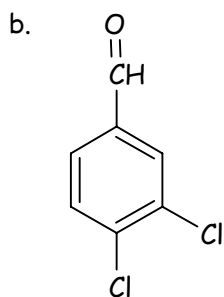
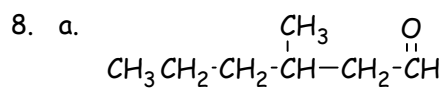


5. a. propoxypropane or dipropyl ether
 b. methoxypropane or methylpropyl ether
 c. methoxyethane or ethylmethyl ether
 d. 2-ethoxyheptane
 e. methoxybenzene or methylphenyl ether

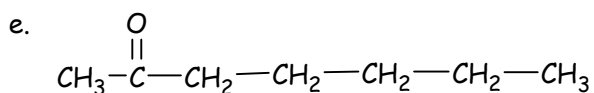
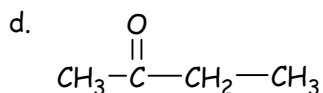
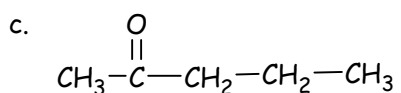
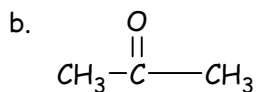
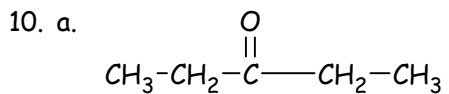




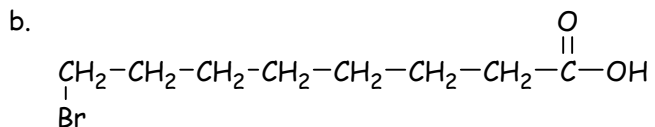
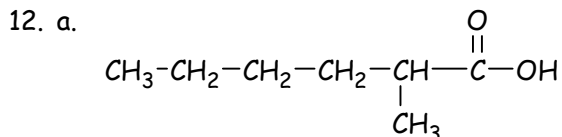
7. a. 3-methylbutanal
 b. 2-methylpropanal
 c. 2-phenylethanal
 d. 2-bromo-6-hydroxybenzaldehyde
 e. 2-chloro-6-hydroxybenzaldehyde



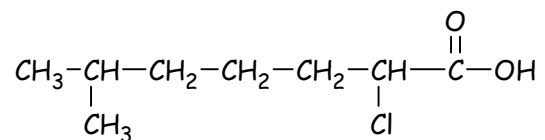
9. a. 2-butanone
 b. 2,3-pentanedione
 c. 5-bromo-2-pentanone
 d. 2-hexanone
 e. 3-hexanone



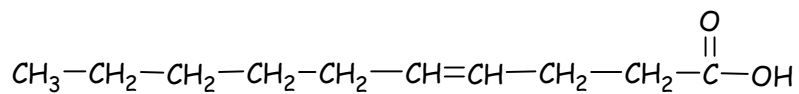
11. a. butanoic acid
 b. heptanedioic acid
 c. heptanoic acid
 d. 2-methylbutanedioic acid
 e. pentanoic acid



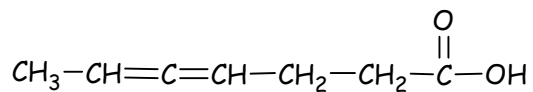
c.



d.

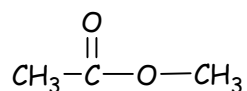


e.

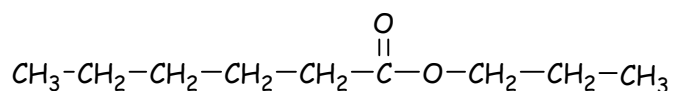


13. a. methyl propanoate
b. ethyl butanoate
c. methyl decanoate
d. butyl methanoate
e. octyl methanoate

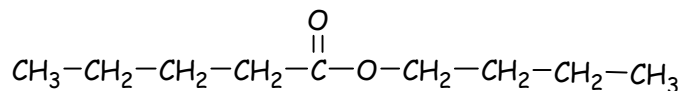
14. a.



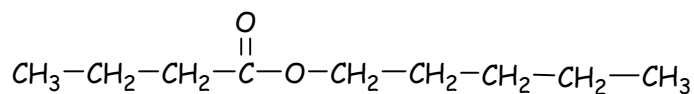
b.



c.



d.



e.

