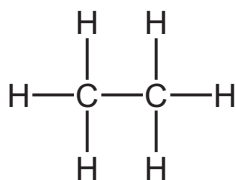
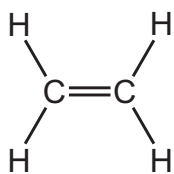


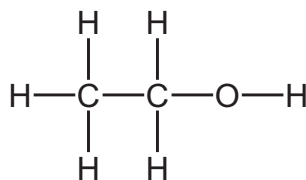
37 The structures of four compounds are shown.



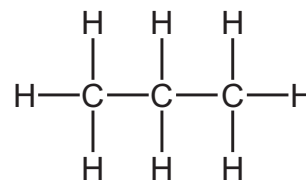
1



2



3



4

Which compounds are members of the same homologous series?

- A** 1, 2 and 3 **B** 1 and 2 only **C** 1 and 4 **D** 2 and 4

33 The structural formula of methyl ethanoate is $\text{CH}_3\text{COOCH}_3$.

Which compounds are structural isomers of methyl ethanoate?

- 1 $\text{HCOOCH}_2\text{CH}_3$
2 $\text{CH}_3\text{CH}_2\text{COOH}$
3 $\text{HOCH}_2\text{CH}_2\text{CH}_2\text{OH}$

- A** 1, 2 and 3 **B** 1 and 2 only **C** 2 and 3 only **D** 3 only

34 Which row describes two characteristics of members of the same homologous series?

	characteristic 1	characteristic 2
A	same functional group	trend in physical properties
B	same physical properties	same functional group
C	same general formula	different chemical properties
D	differing from one member to the next by a CH_3 unit	similar chemical properties