

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

	characteristic 1	characteristic 2
<b>A</b>	same functional group	trend in physical properties
<b>B</b>	same physical properties	same functional group
<b>C</b>	same general formula	different chemical properties
<b>D</b>	differing from one member to the next by a $\text{CH}_3$ unit	similar chemical properties