



IR PROBLEMS 3

The infra-red spectra of the following eight compounds are shown. Draw the structure of each compound below in the box and then work out which spectrum is which (you may not be able to distinguish all of them). Write the spectrum number in the box.

hex-2-ene	pentane	methylpropan-1-ol	2-methylpentan-3-one
butanal	butanoic acid	propyl ethanoate $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_3$	butanenitrile

