



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. Write the number of the spectrum in the box.

hex-2-ene (8) <chem>CH3CH=CHCH2CH2CH3</chem>	pentane (5) <chem>CH3CH2CH2CH2CH3</chem>	methylpropan-1-ol (3) <chem>CH3CH2CH2OH</chem>	2-methylpentan-3-one (112) <chem>CH3CH2C(=O)CH(CH3)CH2CH3</chem>
butanal (6) <chem>CH3CH2CH2CHO</chem>	butanoic acid (7) <chem>CH3CH2CH2COOH</chem>	propyl ethanoate (112) <chem>CH3COOCH2CH2CH3</chem>	Nitrobenzene (4) <chem>c1ccc(cc1)[N+](=O)[O-]</chem>

