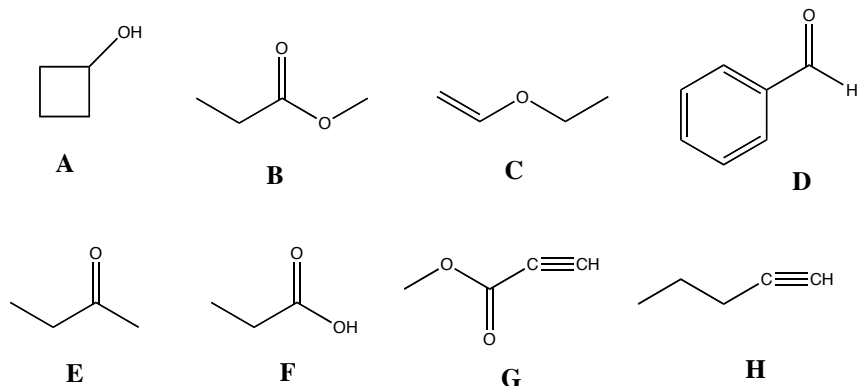


Below are shown 8 structures. Your job is to match the IR spectra (1-8) of the spectra pages (printed on ivory paper) with the correct structure. You must interpret/analyze the IR spectra by writing the appropriate functional group pieces/absorbances in the table below.



Fill in the table below for each of the compounds A-H. In the table you are to fill in the following: Write the number of the IR spectra you matched with each structure, the major IR absorbances (estimate the number from the spectra), for example "O-H 3300", then fill in the name of the functional group(s) present (you can omit alkane), and lastly fill in the number of unique carbons.

Compound letter	IR spectra #	MAJOR IR absorbances (cm ⁻¹) (and what bond/atoms they are due to)	Functional group(s) (name)
A			
B			
C			
D			
E			
F			
G			
H			

