

Hydrocarbons

¹ F	² O	U	R						³ D		⁴ W				
	C			⁵ M			⁶ P	R	O	P	A	N	E		
⁷ E	T	H	E	N	E					U	X				
	A				⁸ T	A	R			B					
⁹ O	N	E			H			¹⁰ H		¹¹ L	P	G			
	E				¹² A	L	K	Y	N	E					
					N			D							
¹³ E	T	H	Y	N	E			¹⁴ C	R	A	¹⁵ C	K	I	N	G
								O		R					
			¹⁶ O	R	G	A	N	I	C		U				
								A		D					
								R		E					
								B							
			¹⁷ F	R	A	C	T	I	O	N	A	L			
									N						

Across

- Number of bonds per carbon atom.[4]
- Hydrocarbon used in gas stoves.[7]
- Hydrocarbon used to make plastics such as polythene.[6]
- Hydrocarbon that is solid at room temperature and used on roads.[3]
- Number of bonds per hydrogen atom.[3]
- Abbreviation of Liquefied Petroleum Gas.[3]
- Hydrocarbon with at least one triple bond.[6]
- Hydrocarbon used in welding with old name of ethylene.[6]
- Process to break down large hydrocarbons to small hydrocarbons is catalytic ____.[8]
- Chemistry of carbon and its compounds.[7]
- Process to separate various hydrocarbons from crude oil is ____ distillation.[10]

Down

- Hydrocarbon in petrol.[6]
- Alkenes have at least one ____ bond.[6]
- Hydrocarbon that is solid at room temperature and used in candles.[3]
- Lightest hydrocarbon.[7]
- Chemical containing only hydrogen and carbon atoms.[11]
- Mined mixture of hydrocarbons is ____ oil.[5]