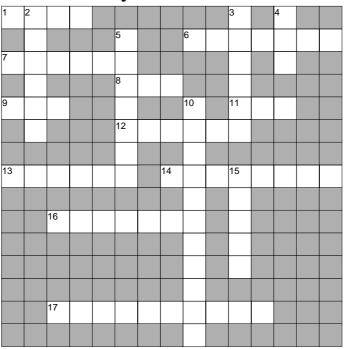
## Hydrocarbons



## Across

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

## Down

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