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Year 11 Chemistry Self-Assessment Topic 3: Molecules

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| **Learning Intention** | **Review Test Question** | **Chapter Questions** | **Proficiency** | **Comments/questions** |
| Shapes of molecules | 2(a) | 36 |  |  |
| Molecular polarity | 2(b)(1)-(2) | 37-38 |  |  |
| Secondary interactions | - | 39 |  |  |
| Dipole-dipole interactions and hydrogen bonding | 2(b)(4)-(5), (c) | 40 |  |  |
| Physical properties of hydrocarbons | 1(c)(1)-(2) | - |  |  |
| Combustion of fuels | 1(a) | 50 |  |  |
| Addition reaction of alkene | 1(d)(3) | 49 |  |  |
| Structural formulae and names of hydrocarbons | 1(c)(3)  1(d)(1) | 41-48 |  |  |
| Repeating unit of polymer | 3(a) | 51 |  |  |
| Addition polymerization and properties of polymers | 3(b)-(d) | 52 |  |  |