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Year 11 Chemistry Self-Assessment Topic 4: Mixtures and Solutions

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| **Learning Intention** | **Test Question(s)** | **Chapter Questions** | **Proficiency** | **Comments/questions** |
| Polar and non-polar solvents | 1(a) | - |  |  |
| Solubility in solvents | 1(b) | 53 |  |  |
| Dissolving of ionic substances in water | 2(a) | 54 |  |  |
| Precipitation reactions | 3 | 55-60 |  |  |
| Chemical equations | 4(a) | 61 |  |  |
| Solution concentration | 4(b)-(c) | 62-65 |  |  |
| Stoichiometric calculations | 4(d)-(e) | 66-67 |  |  |
| Exothermic and endothermic reactions | 2(b) | - |  |  |
| Energy of dissociation and hydration | 2(c)-(e) | 68 |  |  |
| Experimental measurements of enthalpy change | 2(f)5  | 69 |  |  |