NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year 11 Chemistry Self-Assessment Topic 2: Combining Atoms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Learning Intention** | **Review Test Question** | **Chapter Questions** | **Proficiency** | **Comments/questions** |
| Formation of bonds, energy released and required | 1(c)-(e) | - |  |  |
| Melting and boiling points and conductivities of metallic elements | 2(b)-(c) | 24-25 |  |  |
| Monatomic ions, formulae and names for ionic compounds | 3(a) | 26-27 |  |  |
| Melting and boiling points, conductivities and formation of ionic compounds | 1(a)-(b), 3(b)-(c) | 28 |  |  |
| Electron-dot diagrams and structural formulae | 2(f)(1) | 29 |  |  |
| Polarity of covalent bonds | 2(f)(2) | 30 |  |  |
| Melting and boiling points, hardness, and conductivity of continuous covalent substances | 2(a) | 31 |  |  |
| Calculations involving molar masses and percentage composition by mass | 2(d)-(e) | 32-35 |  |  |