# Specialist Maths Unit 1 - Algebra

**Questions checklist**

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| **Ex** | **Topic** | **Questions** |
| 1A | Indices | 1c, f, i, l, o, r, t, 2 c, f, i, l, 3 c, f, i, 4 c, f, 5, 6, 7e, 8c, g |
| 1B | Standard form | 1c, f, i, l, 2 c, f, 3c, 4c, f, 5b, 6b |
| 1C | Solving linear equations and simultaneous linear equations | 1c, f, i, 2c, f, 3c, f,  |
| 1D | Solving problems with linear equations | 1c, f, h, 2, 4, 6, 8, 10, 12, 14, 16, 18 |
| 1E | Solving problems with simultaneous linear equations | 2, 4, 6, 8 |
| 1F | Substitution and transposition of formulas | 1c, f, I, 2c, f, I, 3, 5 |
| 1G | Algebraic fractions | 1c, f, i, l, o, r, 2c, f, i, l, o, 3c, f, i, l, 4c, f, 5c |
| 1H | Literal equations | 1c, f, i, l, 2, 4c, f, 5c, f, h |
| 1I | Using a CAS calculator for algebra | 1c, 2c, 3b |
|  | Chapter 1 Review | All questions |
| 2A | Set notation | 1ace, 2ace, 3ace, 4ace, 5bd f, 6bdf, 7bdf, 8bdf, 9bdf |
| 2B | Sets of numbers | 1c, 2c, 3cf, 4ce, 5ce, 6cfh |
| 2C | The modulus function | 1cf, 2cf, 3cf, 4bd, 5cf, 6c, 8, 10  |
| 2D | Surds | 1cfi, 2cf, 3cf, 4cfil, 5cf, 6b, 7b, 8bd, 9cf, 11 |
| 2E | Natural numbers | 1cfi, 2ce, 3c, 4, 6, 8, 10 |
| 2F | Linear Diophantine equations | 1cf, 2, 4, 6, 8, 10, 12, 14, 16 |
| 2G | The Euclidean algorithm | 1bd, 2, 3bd, 4bdf  |
| 2H | Problems involving sets | 1b, 2b, 4, 6, 8, 10, 12,  |
|  | Chapter Review | All questions |

**etq = every third question**