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|  | Has come up and is unlikely to again |  | Has come up in one context, but could still come up in other contexts |  | Still to come up |

**Algebra**

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| **Topics** | **Clip Number** | **R** | **A** | **G** |
| Substitution | 784, 785, 786, 787 |  |  |  |
| Substitution: Equations of motion | 788, 789 |  |  |  |
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| Quadratic expressions: Completing the square | 235, 236, 237 |  |  |  |
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| Quadratic equations: Quadratic formula | 241, 242 |  |  |  |
| Quadratic equations: Completing the square | 238, 239 |  |  |  |
| Quadratic equations: Algebraic fractions | 244 |  |  |  |
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| Simultaneous equations: Quadratic/linear | 246 |  |  |  |
| Manipulating powers | 790, 791, 792, 793, 794, 795 |  |  |  |
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| Exponential growth problems | 804, 805, 806, 807 |  |  |  |
| Exponential decay problems | 808, 809, 810, 811 |  |  |  |
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| Speed-time graphs | 881, 882, 883, 884, 885, 886 |  |  |  |
| Rate of change graphs | 894, 895, 896 |  |  |  |
| Estimating gradient from a curve | 887, 888, 889, 890 |  |  |  |
| Estimating area under a curve | 891, 892, 893 |  |  |  |
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**Algebra (continued)**

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| **Topics** | **Clip Number** | **R** | **A** | **G** |
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| Function notation | 288, 289 |  |  |  |
| Domain and range of functions | 290, 291, 292 |  |  |  |
| Composite functions | 293, 294 |  |  |  |
| Inverse functions | 295, 296 |  |  |  |
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| Quadratic sequences | 247, 248, 249, 250 |  |  |  |
| Iteration and numerical methods | 322, 323 |  |  |  |
| Proof and counter-examples | 324 |  |  |  |
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**Ratio, proportion and rates of change**

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| **Topics** | **Clip Number** | **R** | **A** | **G** |
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**Number**

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| Volume: Problem solving | 583 |  |  |  |
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| Similar Shapes: Volume | 618, 619, 620, 621 |  |  |  |
| Pythagoras’ Theorem: Problem solving | 503, 504 |  |  |  |
| Right-angled trigonometry: Non-calculator | 306, 845, 846, 847, 848, 849, 850, 851, 852, 853 |  |  |  |
| Right-angled trigonometry: Problem solving | 513, 514 |  |  |  |
| 3D Pythagoras | 505, 506, 507  |  |  |  |
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**Probability**

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| **Topics** | **Clip Number** | **R** | **A** | **G** |
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**Statistics**

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| **Topics** | **Clip Number** | **R** | **A** | **G** |
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