**Number**

|  | **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- | --- |
| Properties | Highest Common Factor | 31, 32 |  |  |  |
| Lowest Common Multiple | 34, 35, 36 |  |  |  |
| Error interval | 774 – 777 |  |  |  |
| Decimals | Ordering | 46 |  |  |  |
| Recurring | 53, 54 |  |  |  |
| Other | Product rule for counting | 671, 672, 673 |  |  |  |

**Algebra**

|  | **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- | --- |
| Equations | Quadratic | 230 – 234, 238, 239, 241, 242, 244, 245 |  |  |  |
| Simultaneous linear/quadratic | 190 – 195, 218, 219, 246, 259 |  |  |  |
| Manipulation | Simplification | 156 – 159, 173, 174, 175 |  |  |  |
| Triple bracket | 166 |  |  |  |
| Factorisation | 168 – 171 |  |  |  |
| Quadratic | 223 – 229 |  |  |  |
| Graphs | Roots | 253 |  |  |  |
| Turning points | 255, 256 |  |  |  |
| Quadratic | 251 – 257, 260 |  |  |  |
| Exponential | 302, 800 – 803  |  |  |  |
| Functions | Composite | 293, 294, 297 |  |  |  |
| Sequences | Arithmetic | 196, 197, 198 |  |  |  |
| Geometric | 264 |  |  |  |
| *n*th term | 198, 248, 249, 250 |  |  |  |

**Ratio**

|  | **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- | --- |
| Ratio | Share into a ratio | 332 – 335 |  |  |  |
| Applications | Average speed | 716 – 724 |  |  |  |
| Population density | 738 |  |  |  |
| Percentage | Percentage increase | 90, 91, 92, 94, 96, 97, 98 |  |  |  |
| Compound interest | 94, 98, 771, 804, 806 |  |  |  |

**Geometry and Measures**

|  | **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- | --- |
| Area and Volume | Compound shape | 555, 558, 582, 591 |  |  |  |
| Cylinder | 572 – 575, 586 |  |  |  |
| Shape | Quadrilateral | 824, 825, 826 |  |  |  |
| Circle theorems | 594 – 606 |  |  |  |
| Trigonometry | 508 – 515 |  |  |  |
| Sine/Cosine rule | 521 – 525, 527 – 533  |  |  |  |
| Vectors | Vector arithmetic | 623 – 626 |  |  |  |
| Other | Bearing | 492 – 496, 531, 869 |  |  |  |

**Statistics**

| **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- |
| Two-way table | 422, 423, 424 |  |  |  |
| Histogram | 442 – 449 |  |  |  |
| Box plot | 434, 435, 436, 440 |  |  |  |
| Median, quartiles | 409, 411, 416 |  |  |  |
| Interquartile range | 412 |  |  |  |
| Line of best fit | 454 |  |  |  |
| Outlier | 453 |  |  |  |

**Probability**

| **Topics** | **Clip Number** | **R** | **A** | **G** |
| --- | --- | --- | --- | --- |
| Independent events | 358 – 363 |  |  |  |