

Edexcel 2022 Advance Information List Foundation – Paper 3 (Calculator)

Monday 13th June 2022

Number

| | Topics | Clip Number | R | Α | G |
|-------------------|-----------------------------|-------------------|---|---|---|
| Arithmetic | Four operations | 18 – 24, 47 – 51, | | | |
| | | 143 – 146 | | | |
| | Negative number | 38 – 44 | | | |
| Fractions | Fraction of an amount | 77 | | | |
| | One amount as a fraction of | 62 | | | |
| | another | | | | |
| | Equivalent fractions | 59, 61 | | | |
| Properties | Factors | 27 | | | |
| | Lowest Common Multiple | 34, 35, 36 | | | |
| Powers and roots | Square root | 101 | | | |
| Approximation and | Rounding | 17, 56, 130, 133 | | | |
| Estimation | | | | | |
| Other | Calculator use | 129 | | | |

Algebra

| | Topics | Clip Number | R | Α | G |
|---------------|-----------------------------|---------------------|---|---|---|
| Manipulation | Simplification | 156 – 159, 173, 174 | | | |
| | Expansion of bracket | 160, 161 | | | |
| | Factorisation | 168 – 171, 223, 224 | | | |
| | Substitute values | 155, 278, 780 – 783 | | | |
| | Change subject of a formula | 280 – 287 | | | |
| | Forming an expression | 151, 152, 153 | | | |
| Equations and | Linear equation | 177 – 186, 188, 189 | | | |
| inequalities | Form an equation | 176 | | | |
| Sequences | Linear sequence | 196, 197, 198 | | | |

Ratio, proportion, and rates of change

| | Topics | Clip Number | R | Α | G |
|-------------|---|---|---|---|---|
| Conversion | Time | 709, 710, 711 | | | |
| | Compound units | 724, 731, 737, 738 | | | |
| | Scale drawings | 864 – 871 | | | |
| Percentages | Percentage to fraction | 82 | | | |
| | One quantity as a percentage of another | 62, 76 | | | |
| | Percentage increase | 90, 91, 92, 94, 97, 98 | | | |
| | Reverse percentage | 96 | | | |
| Ratio | Write as a ratio | 328, 329 | | | |
| | 1 : <i>n</i> form | 331 | | | |
| Proportion | Direct proportion | 339, 340, 341, 343, 344, 345, 348, 739 – 742 | | | |



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| Compound Measures A | Average speed | 722, 876, 877 | | | |
|---------------------|---------------|---------------|--|--|--|
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Geometry and measures

| | Topics | Clip Number | R | Α | G |
|---------------------------------------|------------------------------------|-------------------------|---|---|---|
| Shape | Triangle properties | 823 | | | |
| | Quadrilaterals | 824, 825, 826 | | | |
| | Triangular prism | 829, 830 | | | |
| Angles | Angle properties of parallel lines | 481, 482, 483, 490, 491 | | | |
| | Angles in a triangle | 484 – 491 | | | |
| | Vertically opposite angles | 480 | | | |
| | Bearings | 492 – 496, 869 | | | |
| Length, area, and | Area of a triangle | 557, 558 | | | |
| volume | Area of a trapezium | 559 | | | |
| Pythagoras's Theorem and Trigonometry | Pythagoras's Theorem | 498, 499, 501, 502 | | | |

Probability

| | Topics | Clip Number | R | Α | G |
|-------------|-------------------|-------------|---|---|---|
| Probability | Probability scale | 349, 350 | | | |
| | Probability | 351 – 363 | | | |

Statistics

| | Topics | Clip Number | R | Α | G |
|------------|-----------------------------|--------------------|---|---|---|
| Diagrams | Frequency polygon | 441 | | | |
| Measures | Median | 409, 416, 419, 420 | | | |
| | Range | 410, 414, 419, 420 | | | |
| Population | Comparison of distributions | 432, 433 | | | |