**Year 11 November 2025 Calculator Mock**

**Computer Revision Foundation**

[**www.mymaths.co.uk**](http://www.mymaths.co.uk)

**Login: thirsk Password: Triangle**

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| --- | --- | --- | --- |
| **Topic** | **GCSE 9-1 Curriculum** |  |  |
| **Homework Sheets** | | | |
| **NUMBER** |  |  |  |
| Percentages | Percentages of amounts 1 |  |  |
|  | Percentages of amounts 2 |  |  |
|  | Percentage change 1 |  |  |
|  | Reverse Percentages |  |  |
|  | Frac dec perc 1 |  |  |
| Standard units | Money Calculations |  |  |
|  | Units of length |  |  |
| Estimating and Accuracy | Error intervals |  |  |
| Powers and roots | Squares and cubes |  |  |
| Fractions | Fractions of amounts |  |  |
| **ALGEBRA** |  |  |  |
| Equations- Linear | Equations 1- one-step |  |  |
|  | Equations 2- multi-step |  |  |
|  | Equations 3- both sides |  |  |
| Algebraic Manipulation | Simplifying 1 |  |  |
|  | Simplifying 2 |  |  |
|  | Single brackets |  |  |
|  | Factorising Linear |  |  |
| Expressions and Formulae | Rules and Formulae |  |  |
|  | Rearranging 1 Q1 |  |  |
|  | Function machines |  |  |
| Sequences | Sequences |  |  |
|  | Arithmetic Sequences |  |  |
| Coordinates | Coordinates 1- positive |  |  |
|  | Midpoint and line length 1 |  |  |
| Graphs | Y=mx+c |  |  |
|  | Gradient and intercept |  |  |
|  | Equation of a line 2 |  |  |
| **RATIO & PROPORTION** |  |  |  |
| Ratio | Ratio Introduction |  |  |
|  | Ratio Dividing 1 |  |  |
|  | Ratio Dividing 2 |  |  |
| Scale Drawing | Map Scales |  |  |
| Converting units | Measuring Lengths |  |  |
|  | Metric Conversion |  |  |
|  | Imperial Measures |  |  |
| Scale Drawing | Scale Drawing |  |  |
| Proportion | Best buys and value for money |  |  |
|  | Unitary Method |  |  |
| **GEOMETRY** |  |  |  |
| Similarity | Similar triangles |  |  |
| Area and perimeter | Area of a rectangle |  |  |
|  | Perimeter |  |  |
|  | Area of a right-angled triangle |  |  |
|  | Area of any triangle |  |  |
|  | Area of a circle |  |  |
|  | Circumference of a circle |  |  |
|  | Perimeter with semicircles and quarter circles |  |  |
| Trigonometry | Trig Missing Sides |  |  |
| Properties of 2D shapes | Congruent Triangles |  |  |
| Construction | Bearings |  |  |
| Pythagoras’ Theorem | Pythagoras’ Theorem |  |  |
| **PROBABILITY** |  |  |  |
| Probability | Making Tree Diagrams |  |  |
|  | Independent Probability |  |  |
|  | Listing Outcomes |  |  |
|  | Simple Probability |  |  |
|  | GCSE booster 3-4 simple probability |  |  |
|  | Relative frequency |  |  |
|  | Experimental probability |  |  |
| Venn Diagrams | Venn diagrams 1 |  |  |
|  | Venn diagrams 2 |  |  |
| STATISTICS |  |  |  |
| Presenting data | Pictograms and bar charts |  |  |
|  | Frequency Tables and Bar Charts |  |  |
|  | Reading Pie Charts |  |  |
| Processing Data | Median and Range |  |  |
|  | Mean and Mode |  |  |
|  | All Averages |  |  |
|  | Time Series |  |  |
| Scatter graphs | Scatter Graphs |  |  |
|  | Line of Best Fit |  |  |