



MATHEMATICS FACULTY
Assessment Task 3 – Open Book Test
Year 7 2025

Nature of Task Written Test	Date of Task Friday 22/8/25	Weighting 25% towards Yearly Report
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Description of the Task:

The examination will consist of 4 questions, each worth 10 marks.

Total 40 marks

In the Class Test (to be completed by classes 7MAT03 to 7MAT7, 7MAT10 to 7MAT14) you will be assessed on how well you understand the following topics:

Topic 5 – Ratios only

- Divide a quantity in a given ratio
- Solve real-life problems involving ratios

Topic 6 – Decimals and Percentages

- Round decimals to a specified degree of accuracy using approximations
- Identify terminating and recurring decimals
- Identify and make use of the relationship between fractions, decimals and percentages to carry out simple conversions
- Examine the concept of irrational numbers
- Order and compare the value of fractions, decimals and percentages
- Solve problems that involve the multiplication and division of fractions and decimals

Topic 7 – Data Visualisation and Analysis

- Classify data as numerical (discrete or continuous) or categorical (nominal or ordinal)
- Display data using appropriate graphical representations including frequency histograms and polygons, dot plots, stem-and-leaf plots, divided bar graphs, line graphs, sector graphs and pictograms
- Interpret a wide variety of graphical representations and develop skills in graph comprehension
- Identify and describe how graphical representations can be misleading

Outcomes Assessed:

MA4-FRC-C-01, MA4-RAT-C-01, MA4-DAT-C-01, MAO-WM-01

Instructions:

- The exam will be completed in your Maths classroom.
- **One double-sided A4 sheet of paper with handwritten/typed notes is allowed.**
- Bring writing equipment and ruler.
- Calculators ARE allowed.
- You are to write in blue or black pen only

Submission Instructions/Time Allowed:
50 minutes
Please review the College policy on plagiarism located in the Assessment Booklet. Absence from School, the day before and/or on the day of the assessment, without prior approval will require you to: <ol style="list-style-type: none">1. Have a parent/guardian email your Maths teacher on the day of the test giving a reason for the absence.2. Submit an Illness Misadventure form available through the Student Portal with supporting documentation, for special consideration.3. Students with prior approval for leave need not do anything more.