

Stage 5 - 2023
MATHEMATICS
D GOUVOUSSIS/M EAGLES



Task Number: 2
Weight: 25%

Notification Date: 22/5/23
Due Date: Term 2 Week 7, as per examination timetable

HALF YEARLY EXAMINATION

OUTCOMES ASSESSED

MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts
 MA5.1-2WM selects and uses appropriate strategies to solve problems
 MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context
 MA5.1-9MG interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures
 MA5.1-13SP calculates relative frequencies to estimate probabilities of simple and compound events
 MA5.2-1WM selects appropriate notations and conventions to communicate mathematical ideas and solutions
 MA5.2-2WM interprets mathematical or real-life situations, systematically applying appropriate strategies to solve problems
 MA5.2-6NA simplifies algebraic fractions, and expands and factorises quadratic expressions
 MA5.2-17SP describes and calculates probabilities in multi-step chance experiments
 MA5.3-2WM generalises mathematical ideas and techniques to analyse and solve problems efficiently
 MA5.3-5NA selects and applies appropriate algebraic techniques to operate with algebraic expressions

TASK DESCRIPTION

Students will be given 60 minutes plus 5 minutes reading time to complete the task under examination conditions.

The examination has two sections. Section 1 – common for all students (allow 30 minutes) and Section 2 focuses on class work specific to each class (allow 30 minutes).

The common section may focus on

- Number Computations
- Algebraic Techniques
- Probability

The class work section will focus on the topics studied in class.

9/10MA1 and 9/10MAA

- Number Computation
- Probability
- Algebra

9/10MAE

- Probability
- Expressions, equations and linear relationships
- Quadratic expressions and quadratic equations

TASK INSTRUCTIONS

Students will need to bring a pen, pencil, eraser and NESA approved calculator.

Students will be provided with an Examination Formula Reference sheet as part of the examination paper for use during the task.

All writing paper will be supplied.

Marks will be allocated against each question on the paper. If a task is worth more than one mark, working out must be shown.

The common section (Section 1) of the paper has an assessment value of 25%.

The class section (Section 2) of the paper is a component of your class task marks out of 30.

MARKING GUIDELINES

- Marks will be allocated to individual questions as indicated on the test paper.
- Multiple choice will be allocated one mark each.

Task Mark	
Task Rank	
Cumulative Rank	

Teacher's signature: _____

Mrs D Gouvoussis

Teacher's signature: _____

Miss M Eagles

Head Teacher's signature: _____

Miss A Nott

Deputy Principal's Signature: _____

Mrs A Lawrence