



Notice of Assessment Task
Year 12 *Mathematics Advanced*
Trial Exam - 2025

Date of initial notification: Wednesday 4 June Term 2, Week 6	Date of submission of task: During Trial Exam Period in Term 2, Weeks 9-10.
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Teacher: Ms Wai	Task Number: 3
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Time Allowed: 3 hours + 10 minutes of reading time	Weighting of Task: 20%
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Course Component/Focus area/topic/module: All topics covered from Year 11 to Year 12 excluding Financial Mathematics and Sequence and Series.

Task Description: Trial Exam Students will complete a Trial HSC Exam . The task will include multiple-choice and short answer questions designed to evaluate the students' comprehension of all the topics covered in the Preliminary and HSC courses taught up to this point. Students can use the following during the completion of the task. - Black pen, ruler, NESA approved calculator, NESA approved reference sheet.
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Outcomes/Competencies to be assessed in this task: MA12-1 uses detailed algebraic and graphical techniques to critically construct, model and evaluate arguments in a range of familiar and unfamiliar contexts. MA12-3 applies calculus techniques to model and solve problems. MA12-5 applies the concepts and techniques of periodic functions in the solution of problems involving trigonometric graphs. MA12-6 applies appropriate differentiation methods to solve problems. MA12-7 applies the concepts and techniques of indefinite and definite integrals in the solution of problems. MA12-8 Solves problems requiring statistical processes, including the use of the normal distribution and the correlation of bivariate data. MA12-9 chooses and uses appropriate technology effectively in a range of contexts, models and applies critical thinking to recognise appropriate times for such use. MA12-10 constructs arguments to prove and justify results and provides reasoning to support conclusions which are appropriate to the context

Feedback: How will I receive feedback on this task? ☐ Written ☐ Verbal ☐ Whole class

Marking Criteria Each question will be allocated a mark and marks will be given based on the working out and solutions given by the student.
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- *If you are absent on the day that the task is due, you MUST see your teacher the next day (not your next lesson) that you are present at school to show your medical certificate or produce a misadventure form (refer to your Assessment Booklet for a copy of the form). If you fail to show a medical certificate, a mark of zero will be awarded and an N-Determination warning letter will be issued.*
- *Exemptions and extensions for any other reason will only be determined at the discretion of the Head Teacher, and only in extenuating circumstances. You must advise the Head Teacher as soon as possible if you know you are unable to submit the task on the due date.*
- *All appeals must be lodged within 48hrs of receipt of the task. Students who may consider an appeal are not permitted to take their task home. The original task cannot be altered in any way prior to the appeal process. See Assessment booklet for details.*