



Notice of Assessment Task
Year 12 Mathematics Standard 2
HSC Task 1 - 2023

Date of initial notification: Thursday Period 5 – 16 th November 2023 Week 6, Term 4	Date of submission of task: Thursday Period 5 – 30 th November 2023 Week 8, Term 4
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Teacher: Mr Thurbon, Mr Gray	Task Number: 1
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Time Allowed: 50 minutes + 5 minutes reading	Weighting of Task: 20%
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Course Component/Focus area/topic/module: MS-M7 Rates and Ratios (<i>Chapter 1</i>) MS-N2 Network Concepts (<i>Chapter 2</i>)
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<p>Task Description: Topic Test Students will complete a topic test during class time.</p> <p>Students will be allowed to bring one A4, double sided, handwritten reference sheet to assist them when answering questions.</p> <p>Students will have 5 minutes of reading time and 50 minutes of working time to answer all the questions.</p> <p>The test will consist of multiple-choice and short answer questions that will assess their ability to:</p> <ul style="list-style-type: none">- Use rates and ratios to solve problems in practical contexts, including the interpretation of scale drawings.- Solve problems using networks to model decision-making in practical problems.- Use mathematical arguments and reasoning to evaluate conclusions, communicating a position to others and justifying a response. <p>Students can use the following during the completion of the task.</p> <ul style="list-style-type: none">- Pen (black), ruler, NESA approved calculator, A4 – hand written, reference sheet
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<p>Outcomes/Competencies to be assessed in this task:</p> <p>MS2-12-3 Interprets the results of measurements and calculations and makes judgements about their reasonableness, including the degree of accuracy and the conversion of units where appropriate.</p> <p>MS2-12-8 Solves problems using networks to model decision-making in practical problems</p> <p>MS2-12-10 Uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response</p>
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<p>Feedback: How will I receive feedback on this task?</p> <p><input type="checkbox"/> Written</p> <p><input type="checkbox"/> Verbal</p> <p><input type="checkbox"/> Whole class</p>
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<p>Marking Criteria: Each question has a mark allocation associated with it.</p>

- *If you are absent from school when an assessment task is due, you should provide documentary evidence on the day you return to school (e.g., medical certificate or other evidence of misadventure) to support your absence. In consultation with the Deputy Principal, the Head Teacher will arrange another time for you to complete the task, or an alternate task if deemed necessary.*
- *If you know that you will be unavoidably absent (such as representing the school on a sporting, cultural or educational representative duty – NOT family holidays) when an assessment task is due, the student must inform the relevant Head Teacher in advance. In consultation with the Deputy Principal, the Head Teacher will arrange another time for you to complete the task, or an alternate task if deemed necessary.*
- *In rare and exceptional circumstances, completion of the task or alternate task at another time may not be possible. In these rare instances, an estimate, based on your demonstrated learning against the relevant outcomes, will be given.*
- *Where a student does not provide valid documentation, as determined by the Head Teacher and Deputy Principal, then the student will receive ZERO mark for that task. However, the task must still be satisfactorily completed for the student to complete the course.*