



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Year 10 Mathematics 5.1 Year: 10

Assessment Task: 3

Assessment Weighting: 20% Due: Term 3, Week 4 Date: Friday 16th August 2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)
MA5.1-6NA, MA4-10NA, MA5.1-8MG, MA5.1-1WM, MA5.1-2WM, MA5.1-3WM
Please Note: Further information about these outcome codes can be found on the NESA Website
Task Description/Overview
This in class written examination will consist of short answer questions. No reference material is allowed during the examination
Time allowed: 45 Minutes (within 1 Period) Equipment Required: Black Pen(s) and a NESA approved calculator
Detailed Assessment Task Description
Students may be asked to:
Linear Relationships: sketching linear functions using different methods: table of values, x and y intercept, using gradient / y intercept, determining the midpoint, length and gradient of an interval from a diagram, expressing the equation of a line in gradient intercept form, determining the equation of a line given gradient and y-intercept.
Area, Surface Area and Volume: calculating the surface area and volume of prisms, cylinders, spheres and composite solids, converting metric units of capacity and volume and solving problems with similarity involving areas and volumes.
Equations – Solving one, two and three-step equations, including when the pronumerals are on both sides, and simple quadratic equations in the form $ax^2 = b$.
Please Note: More detailed topic overviews are published on CANVAS

Test/Examination Structure	
Section Description	Marks Available
Linear Relationships	15
Measurement	15
Equations	15
Total Marks for this task	45

Satisfactory completion of courses

A course has been satisfactorily completed, when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes