



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Year 8 Year: 8 8

Assessment Task: 1 - 8T, 8O, 8B, 8R, 8U, 8K

Assessment Weighting: 20% Due: Term 11 Week 88

Date: 8T, 8O, 8B, 8R, 8U, 8K on Wednesday 15/03/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)	
MA4-1WM; MA4-2WM; MA4-16MG; MA4-9NA	
Please Note: Further information related to these codes are available on the NESA website	
Task Description/Overview	
Written test in class - 45 minutes allowed A number of short answer questions No reference material is allowed during the examination NESA approved calculators are allowed Please bring your own pens, pencils, erasers and ruler.	
Detailed Assessment Task Description	
Pythagoras <ul style="list-style-type: none">• Perform square roots, square numbers• Rounding numbers to a specified number of decimal places• Name the hypotenuse using side notation and angle notation• Write Pythagoras' theorem for a given triangle• Calculate the length of the hypotenuse and shorter side• Test for right angled triangles and its converse, Pythagorean triads Indices <ul style="list-style-type: none">• Powers and roots, Index notation, Prime factors• Index laws for multiplying, dividing and Zero index	
Test/Examination Structure	
Section Description	Marks Available
Pythagoras' Theorem	25
Indices	25
Total Marks for this task	50

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