



MATHEMATICS ASSESSMENT TASK NOTIFICATION

YEAR 12 EXTENSION 2 MATHEMATICS

2022

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| Task Number: | 1 |
| Topic/s: | Introduction to Complex Numbers Applying Complex Numbers |
| Weighting: | 25% |
| Due Date: | Friday 10th December, 2021 |
| Time: | (90 minute exam + 5 minutes reading time) |
| Venue: | T.B.A |

Outcomes to be Assessed:

MEX12-1 Understands and uses different representations of numbers and functions to model, prove results and find solutions to problems in a variety of contexts.

MEX12-4 Uses the relationship between algebraic and geometric representations of complex numbers and complex number techniques to prove results, model and solve problems.

MEX12-7 Applies various mathematical techniques and concepts to model and solve structured, unstructured and multi-step problems.

MEX12-8 Communicates and justifies abstract ideas and relationships using appropriate language, notation and logical argument.

Task: IC

Please Note:

1. The College policy regarding malpractice, including cheating and plagiarism, late submission and absenteeism will apply. Please refer to moodle.pmaclism.catholic.edu.au (Assessment Tasks – Rules and Procedures). Stage 6 students should also refer to their *2022 Assessment Handbooks*.
2. Email is NOT an accepted form of assessment task submission.
3. If you are going to be away for any reason, including school based activities, you must fill in a "Planned Absence Notification" form and submit to the Assistant Principal Curriculum or the Leader of Curriculum. This form can be found at <http://moodle.pmaclism.catholic.edu.au/mod/page/view.php?id=17637>.