



HSC Mathematics Standard 2 2022

Assessment Notification:

HSC TASK 3 (Year 12)

Task Date: Term 3 Week 6 Tues 23/8/2022 Period 3

Notification Date 4/8/2022

The Task: There are two components of the task.

Component 1 – In class test

Component 2 – Pre-prepared summary sheet.

Notes

You must prepare a pre-prepared summary sheet (2 marks). This is to be **hand-written on A4 paper** (both sides of the paper may be written on). This summary sheet **may be used in the in-class test**, and needs to be handed in for marking at the conclusion of the test.

The test will consist of some “seen” and some “unseen” or unfamiliar questions. The “seen” questions will come from the attached list of questions.

You will be provided with the NESAs approved Reference sheet for Mathematics Standard 2, which you may use during the test.

You may use a scientific calculator for all sections of the test.

Duration: 1 period (55 minute)

Assessment Weighting: 25%

Content:

1. Normal Distribution
2. Critical Path Analysis
3. Annuities
4. Simultaneous Linear Equations

Other content as required including Year 11 content.

Outcomes to be assessed include:

MS2-12-2 analyses representations of data in order to make inferences, predictions and draw conclusions

MS2-12-7 solves problems requiring statistical processes, including the use of the normal distribution and the correlation of bivariate data.

MS2-12-5 makes informed decisions about financial situations, including annuities and loan repayments

MS2-12-6 solves problems by representing the relationships between changing quantities in algebraic and graphical forms

Recommended preparation:

Preparation of an A4 summary sheet – hand written on both sides.

Completion of the practice questions provided in the attached list. Note **some of these will be in the test.**

“Review” Chapter summaries from the text book

HSC: Chapters 5, 7, 9 and 10