

Week 9/10
Term
2024



HAWKER COLLEGE

Engage | Inspire | Achieve

MA3
Revision/Test
Week

Goals



Test and Review:

Your exam is on:

Wednesday 3rd April at 8:45am – 10:45am in the gym

You need to bring you OWN: calculator, pen or pencil and summary sheet. We will NOT have a calculator or pen for you!

HAVE YOU GOT A CALCULATOR?
(you cannot use your phone)

Theoretical Components

Resources:

<https://www.hawkermaths.com/ma3.html>

Knowledge Checklist

Week 1/2

- Bivariate data
- Two-way frequency table
- Parallel dot plots
- Divided bar charts
- Scatter plots

Week 3/4

- Q-correlation coefficient
- Pearson's correlation coefficient
- Correlation and causation
- Coefficient of determination
- Line of best fit
- Least square regression
- Interpretation, interpolation and extrapolation

Week 5/6

- Sequences and series
- Functional definition
- Iterative definition
- Arithmetic sequences – common difference
- Sum of terms in an arithmetic sequence

Week 7/8

- Geometric sequences – common ratio
- Terms of a geometric sequence
- Geometric series (sum)
- Infinite sum of a geometric series

Practical Components

Go through your folders and complete any missing tasks and review any questions that are incorrect.

GET YOUR OWN CALCULATOR!!!

Your classwork, investigations and in-class task (weeks 1 – 9) make up 20% of your grade for this semester.

Make sure you have handed in any unsubmitted work before the exam. This will allow your teacher to provide some feedback prior to the exam.

Investigation

Prepare your double-sided A4 page of handwritten summary notes.

The exam will cover all work from weeks 1 – 9. It is worth 30% of your grade for this semester.

QFO

Quiz/Forum/Other

In-class task Monday week 9.

Exam in week 10.

Checklist: Are you up to date with your briefs this semester?

Brief: topic/work covered	Rules and formulae; worked examples / reminders
Week 1/2: Bivariate data Score: /20	
Week 3/4: Bivariate data analysis Score: /20	
Week 5/6: Arithmetic sequences Score: /20	
Week 7/8: Geometric sequences Score: /20	
Week 9: In-class quiz Score: /20	
TOTAL Score: /100	<p align="center">%</p>