



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	Semester One Content, Properties of Geometrical Figures, Linear Relationships and Right-angled Triangles
Class Teacher	Mrs Arnott, Mr Lummis, Miss Sweeney, Mrs Edwards, Miss Brown
Head Teacher	Mrs Edwards
Year	10 Stage 5.1
Date Given	Week 3 – Thursday 26 th October
Date Due	Week 5 – Thursday 9 th November (Part 1 period 1, Part 2 period 4)
Weighting	35%

Assessment Outline: Two 1 period in-class examinations

Topics assessed:

Part 1:

Semester One Content

- Financial Mathematics
- Measurement
- Algebraic Expressions and Indices
- Probability
- Data

Properties of Geometrical Figures

- Complementary, supplementary, vertically opposite and angles at a point
- Parallel lines cut by a transversal
- Triangles (types, angle sum and exterior angle)
- Quadrilaterals (types and angle sum)
- Congruent triangles
- Similar figures and scale factor
- Similar triangles

Part 2:

Linear Relationships

- Plotting points, table of values, graphing lines
- Midpoint
- Distance
- Gradient
- Horizontal and vertical lines
- Gradient intercept form and points on a line
- Parallel lines

Right-angled Triangles

- Pythagoras' Theorem (hypotenuse, short side and practical applications)
- Trigonometric ratios SOH CAH TOA
- Finding a missing side
- Finding a missing angle
- Angles of elevation and depression

Required equipment

- Black or Blue pen or pencil
- Calculators are allowed

Course Outcomes:

Working Mathematically – MA5.1-1WM, MA5.1-2WM, MA5.1-3WM

Financial Mathematics – MA5.1-4NA

Measurement – MA5.1-9MG, MA4-12MG, MA4-13MG, MA5.1-8MG, MA4-14MG, MA4-16MG

Algebraic Expressions and Indices – MA5.1-5NA, MA4-8NA

Probability – MA5.1-13SP

Data – MA4-19SP, MA4-20SP, MA5.1-12SP

Properties of Geometrical Figures – MA4-17MG, MA4-18MG, MA5.1-11MG

Linear Relationships – MA4-11NA, MA5.1-6NA

Right-angled Triangles – MA5.1-3WM, MA5.2-13MG

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Non-completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both cases.

Plagiarism:

Plagiarism, the using of the work of others without acknowledgement, will incur serious penalties and may result in a zero award. Any cheating will also incur penalties.

Failure to follow the above procedures may result in a zero award.

The policies and procedures that are outlined on the ROSA booklet will be followed regarding the non-completion of assessment tasks.