



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 9 5.2 Mathematics
Topic	Term 3 Test
Class Teacher	Stevenson, Arman/Marshall
Head Teacher	Johnston
Year	Year 9 5.2
Date Given	Week 3 Term 3 Thursday 29 th July
Date Due	Week 5 Term 3 Thursday 12 th August
Weighting	20%

Assessment Outline

You will be tested on the following:

PROPERTIES OF GEOMETRICAL FIGURES

- Classifying, measuring and naming angles, Angle Geometry, Angles and parallel lines, Classifying Triangles, Angle sum of a triangle, Exterior angle of a triangle, Types of Quadrilaterals, Angle sum of Polygons, Exterior angle of a convex polygon, Similar Figures, Finding unknown sides in similar triangles, Scale Factor, Congruence tests, Similarity Tests

INDICES

- Terminology, Prime Factor Trees, Index Laws for Multiplying and Dividing, The Power of a Power Law, The Zero Power Law, Index Laws Extended, The Negative Index Law, Scientific Notation, Scientific Notation Using Significant Figures

TRIGONOMETRY

- Pythagoras' Theorem: The sides of a right-angled triangle, Finding the Hypotenuse, Finding a Shorter Side
- Further Trigonometry To Be Confirmed. Your teachers will advise closer to the date.*

You may bring a handwritten double-sided A4 sheet with notes into the test.

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.

Outcomes assessed

PROPERTIES OF GEOMETRICAL FIGURES	MA5.2 – 14MG: Calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
INDICES	MA5.2 – 7NA: Applies index laws to operate with algebraic expressions involving integer indices.
TRIGONOMETRY	MA4 – 16MG: Applies Pythagoras’ theorem to calculate side lengths in right-angled triangles, and solves related problems. MA5.1 – 10MG: Applies trigonometry, given diagrams, including problems involving angles or elevation and depression