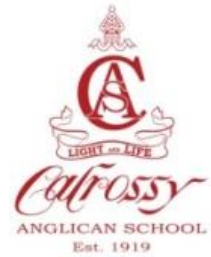


Assessment Notification



Course Year 8 Mathematics
Task Task 1 – Alternate Task

Date and time Term 1, Week 7,
Part A – 25minutes – Tuesday 13th March (8MA1, 2, 4, 5, 6), Wednesday 14th March (8MA3)
Part B – 30minutes - Thursday 15th March (8MA1 to 4), Friday 16th March (8MA5 to 6)

Weighting 20%

Nature of task In class test

Equipment needed Calculator, pens, pencils, and a ruler

Topics and outcomes

Algebraic Techniques (MathsQuest Chapter 7, Developmental Maths Chapter 6

Students can be asked to:

- Use pronumerals to represent given practical situations
- Add and subtract algebraic terms
- Multiply and divide algebraic expressions
- Substitute into algebraic expressions and evaluate, including practical scenarios
- Expand brackets and simplify resulting expressions
- Find the highest common factor (HCF) of a given number/algebraic expression
- Factorise algebraic expressions using the HCF

Reasoning in Geometry

(MathsQuest Chapter 6.4.2, Developmental Maths Chapter 7-01 to 7-05, 8-01 to 8-02)

Students can be asked to:

- Measure and construct angles
- Classify angles as acute, right-angled, obtuse and reflex
- Name angles using the labels on a diagram
- Identify and use the properties of straight angles, vertically opposite angles and angles at a point
- Identify and use the properties of the angle of sum of a triangle
- Identify and use the properties of isosceles and equilateral triangles
- Recognise when two lines are cut by a third line, called a transversal, 3 types of angles are formed – corresponding, alternate and co-interior angles
- Identify and use the properties of corresponding, alternate and co-interior angles when the pair of lines are parallel to find the size of an angle
- Provide geometric reasoning to determine the size of an angle

Preparation for completing the task

- Review your class notes and work
- Study the outcomes listed above by reviewing the theory and working through relevant questions, seeking assistance where required.