Year 7 Mathematics
Assessment Task 3 – 2025

TOPIC: Computation with Integers and Algebraic Techniques	MARKS: 60

SUBMISSION REQUIREMENTS: Term 3 Week 6

7MATB – Friday – 29th August

7MATC – Wednesday – 27th August

7MATG – Wednesday – 27th August

7MATM – Friday – 29th August

7MATW – Friday – 29th August

7MATY – Friday – 29th August

TASK DESCRIPTION:

The examination will be conducted in a **one period lesson** on **Computation with Integers and Algebraic Techniques**.

- **CALCULATOR can be used in this examination. Remember to bring your own calculator with you to the examination. There is no guarantee you will be able to borrow a calculator.**

Equipment required:
Ruler - Pen - Pencil – Eraser and **CALCULATOR**

OUTCOMES TO BE ASSESSED:

MAO-WM-01 - Develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly

MA4-INT-C-01 - Compares, orders and calculates with integers to solve problems

MA4-ALG-C-01 - Generalises number properties to operate with algebraic expressions including expansion and factorisation

DIRECTIONAL VERBS:

- Develop – To create or enhance mathematical concepts or skills through practice and understanding.
- Compare – To show how things are similar or different.
- Generalises **–** To apply concepts, skills, or understandings learned in one situation to new, different, or unfamiliar situations or contexts

Students are encouraged to review the following concepts:

Computation with Integers	Algebraic Techniques
□ Addition, subtraction, multiplication and division with positive and negative integers □ Dividing positive integers with long division □ Using positive and negative integers and the number line □ Ordering and Comparing Integers □ Order of Operations with Positive and Negative Integers □ Solve real-life problems involving positive and negative integers	□ Identifying key concepts in algebra (e.g. pronumerals, variables, terms, and algebraic expressions) □ Substitution into algebraic expressions □ Algebraic expressions involving multiplication, division, and grouping symbols □ Adding and subtracting algebraic expressions □ Multiplying and dividing algebraic terms □ Converting words into algebraic expressions □ Solve real-life problems involving algebraic expressions