



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Stage 4 Year: 7

Assessment Task: 2 (7V)

Assessment Weighting: 30% Due: Term 2 Week 2 Date: 4/05/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)
MA4-5NA, MA4-8NA, MA4-10NA, MA4-1WM, MA4-2WM, MA4-3WM PLEASE NOTE: further information related to these codes can be found on the NESA website
Task Description/Overview
This in class written examination will consist of short answer questions. No reference material is allowed during the examination Time allowed: 45 Minutes (within 1 Period) Equipment Required: Black Pen, ruler. Note: Calculators are not allowed to be used in this examination.
Detailed Assessment Task Description
Students may be asked questions relating to the following topics: Whole Number: Students may be asked to read, write, and order numbers of any size; state the place value of each digit in numbers of any size; record numbers of any size using expanded notation; determine factors and multiples of whole numbers and LCM and HCF; identify and describe prime and composite numbers; identify square numbers; apply the order of operations; apply associative, commutative, and distributive laws to aid mental computation; use mathematical symbols to show meaning of worded expressions (sum, difference, product, quotient etc.); apply the four operations with positive integers; recognize abbreviations of numbers in everyday contexts; round numbers to a specified place value. Patterns & Algebra: Students may be asked to continue, create, record, and describe geometric and number patterns; determine the rule for geometric and number patterns in words and use the rule to calculate further values; write down in words a rule that describes the relationships between two variables; complete a table of values; find particular terms in a pattern; determine the rules from a table of values; use letters to represent number patterns; use algebraic conventions to abbreviate expressions; use algebraic symbols to represent mathematical operations written in words and vice versa; use algebraic rules to complete a tables of values; generate a number pattern from an algebraic expression.

Fractions:

Students may be asked to state the fraction of a figure that has been shaded; identify the numerator and denominator of a fraction; Identify proper fractions, improper fractions, and mixed numerals; express mixed numerals as improper fractions and vice versa; write down a fraction or mixed numeral that has been placed on a number line; add and subtract fractions that have a common denominator; represent, compare, and order fractions with denominators, 2, 3, 4, 5, 6, 8, 10,12, and 100; determine, generate, and record equivalent fractions; write fractions in their simplest form; convert between improper fractions and mixed numerals and vice versa; express mixed numerals as improper fractions and vice versa; express one quantity as a fraction of another; add and subtract fractions that have the same denominators; add and subtract mixed numerals.

NOTE: This is a differentiated (modified) assessment task. Students in 7V will be given the opportunity to complete the assessment task given to 7T, 7O, 7B, 7R, 7U and 7K following the due date of this task.

Test/Examination Structure	
Section Description	Marks Available
Whole Numbers	10
Patterns and Algebra	10
Fractions	30
Total Marks for this task	50

Satisfactory completion of courses

A course has been satisfactorily completed, when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes