

Revision List for 1st Year Maths – November Exam 2025

Natural Numbers

Learning Outcomes	Revised
I can define and give examples of Natural Numbers.	☐
I can define and give examples of Odd and Even Numbers	☐
I know what BMDAS is and how to use it.	☐
I can find the Lowest Common Multiple (LCM) for a set of numbers.	☐
I can find the Highest Common Factor (HCF) for a set of numbers.	☐
I can find the prime factors between numbers and express numbers as products of their prime factorisation.	☐
I know what indices are and how to solve problems involving them.	☐

Integers

Learning Outcomes	Revised
I can define and give examples of Integers.	☐
I can place Integers in ascending order and know where they would be placed on a number line.	☐
I can use a Number line to add and subtract integers.	☐
I can multiply and divide integers and know the rules for doing so.	☐
I can solve problems involving integers.	☐

Rational Numbers / Fractions

Learning Outcomes	Revised
I can define and give examples of fractions/Rational Numbers.	☐
I can define Numerator, Denominator, Improper fraction, Proper fraction and mixed fraction.	☐
I know what equivalent fractions are and how to express them as mixed/proper/improper fractions.	☐
I can add and subtract fractions.	☐
I can multiply fractions.	☐
I can divide fractions using the reciprocal.	☐

Real Numbers

Learning Outcomes	Revised
I can define and give examples of Real Numbers.	☐
I can change between fractions, decimals, and percentages.	☐
I can find a fraction of a given number.	☐
I can express one number as a fraction of another number.	☐
I can find a percentage of a given quantity.	☐
I know what ratios are and can simplify/calculate ratios.	☐
I understand direct proportion and can use it to solve problems.	☐
I understand inverse proportion and can use it to solve problems.	☐
I can round numbers to given units.	☐