Revision List for 1st Year Maths November Exam 2024

Section in OneNote	Learning Outcomes	Revised
Natural Numbers	- I can define and give examples of Natural Numbers. - I can define and give examples of Odd and Even Numbers - I know what BEMDAS is and how to use it. - I can find the Lowest Common Multiple (LCM) between numbers. - I can find the Highest Common Factor (HCF) between 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. - I can estimate large sums before checking my answers using my calculator.	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Integers	- 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.	☐ ☐ ☐ ☐
Rational Numbers / Fractions	- 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	I can define and give examples of Real Numbers.	☐

	• I can express fractions as 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.	☐

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