

**Year 7 HIGHER Summer 2023 - No Calculator**

Question	Topic	Marks
1	Add and subtract with directed numbers	2
2	Calculate a worded addition and subtraction problem	2
3	Evaluate indices and square roots	2
4	Calculate a worded multiplication problem	3
5	Add and subtract with fractions	2
6	Evaluate two expressions with directed numbers	2
7	Calculate an addition and subtraction problem in context	2
8	Solve equations with decimals, fractions and directed numbers	4
9	Complete a part-whole model with expressions	2
10	Interpret a bar chart	2
11	Solving a multi-step problem	3
12	Find the area of a trapezium	2
13	Calculate with standard form	2
14	Calculate using the mean of a set of measures	2
15	Add and subtract fractions (with algebra)	4
16	Add and subtraction fractions and decimals	4

Year 7 CORE Summer 2023 - Calculator		
Question	Topic	Marks
1	Order directed numbers/find the mean	2
2	Understand and use a two-way table	2
3	Find the area of a complex shape	2
4	Convert between improper and mixed numbers	2
5	Part-whole model with fractions/negatives/decimals	2
6	Solve equations with directed number	4
7	Problem solve with perimeter and area	2
8	Understand and complete a bank statement	2
9	Compare two percentages of an amount	2
10	Calculate the mean of a set of numbers	2
11	Find the mid point on a number line	2
12	Add and subtract fractions	3
13	Calculating with directed number	4
14	Form and solve an equation from a worded problem	2
15	Find a term in a sequence with directed numbers	2
16	Evaluate the order of operations in a calculation	1
17	Calculate the area of a parallelogram	2
18	Problem solving with a set of numbers given the range	2

Year 7 FOUNDATION Summer 2023 - No Calculator		
Question	Topic	Marks
1	Calculate a worded subtraction problem	1
2	Add and subtract fractions with like denominators	2
3	Understand and interpret a bar chart	2
4	Calculate with directed number	3
5	Add and subtract with decimal numbers in context	2
6	Solve one step equations	3
7	Complete and use a frequency tree	3
8	Find the area of a triangle	2
9	Multiplying and dividing with powers of 10	3
10	Calculate a multiplication problem	2
11	Multiply/divide numbers and decimals	4
12	Converting measures	3
13	Subtract fractions with different denominators	3
14	Solve a word problem with bar model given	2
15	Simplify algebraic expressions	2
16	Calculate with fractions, decimals and directed numbers	3