

Year 7 Maths Term 1

1. Number sense, adding and subtracting

Using number lines
Place value
Ordering negative numbers
Rounding
Adding and subtracting integers and decimals
WT WA WB

3. Negatives/order of operations

Negative numbers
Calculating with roots and powers
Using the correct order of operations
Using the commutative laws
Using the associative laws
WT WA WB

5. Time and measures

Converting units of time
Using clocks
Calculating with time
Using timetables and calendars
Estimating and measuring length, mass and capacity
Units of length, mass and capacity
WT WA WB

1

2

3

4

5

Multiplying and dividing by 10, 100 and 1000
Multiplying using place value
Using a written method to multiply numbers
Dividing numbers into equal groups
Using a written method to divide numbers
Dividing with remainders
WT WA WB

2. Multiplying and dividing

Algebraic notation/terminology
Simplifying expressions
Substituting into expressions
Substituting into formulae
Solving equations
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4. Expressions and equations

Year 7 Maths Term 2

1. 2D Shapes & Perimeter

Line & Shape Properties
Symmetry
Find perimeters using grids
Find the perimeter of 2D shapes & compound shapes

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3. Factors, Multiples & Primes

Lowest common multiple
Factors & Divisibility Tests
Highest Common Factor
Prime Numbers
Prime Factor Decomposition

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5. Single Brackets

Distributive Law
Expand single brackets
Expand single brackets & simplify expressions
Factorise into one bracket

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1

2

3

4

5

Area using grids
Area of rectangles & compound shapes
Area of triangles
Read & plot coordinates

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2. Area & Coordinates

Fraction of Shapes & Constructing Fractions
Finding Equivalent Fractions
Simplifying Fractions & Ordering Fractions
Mixed Numbers & Improper Fractions
Adding & subtracting fractions & mixed numbers

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4. Fractions

Year 7 Maths Term 3

1. Angles

Types of Angles
Estimating, Drawing & Measuring Angles
Angles on a line & around a point
Vertically opposite angles
Angles in a triangles

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1

3. Proportion Problems & Multiplying/Dividing Fractions

Proportion problems
Reciprocals
Multiplying & Dividing Fractions
Multiplying & Dividing with Mixed Numbers

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3

5. Probability

Probability Phrases
Probabilities as fractions, decimals & percentages
Mutually Exclusive Events
Sample Space Diagrams

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5

Mean, Mode, Median & Range
Frequency & Two Way Tables
Tally Charts & Pictograms
Bar Charts
Collecting & recording data
Averages from Frequency Tables

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2. Handling Data

Fraction of amounts with & without a calculator
Convert between fractions, decimals & percentages
Order fractions, decimals & percentages
Numbers as percentages of other numbers

WT WA WB

4. Fractions of Amount & FDP

Colour key

Number



Algebra



Shape



Data



Ratio and proportion

