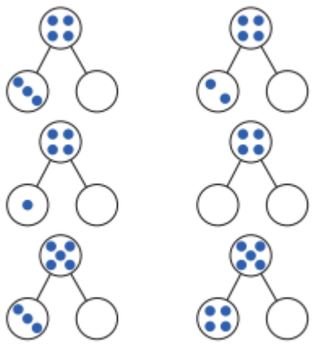
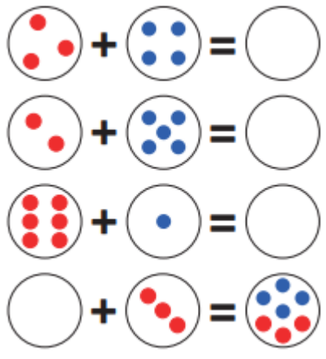
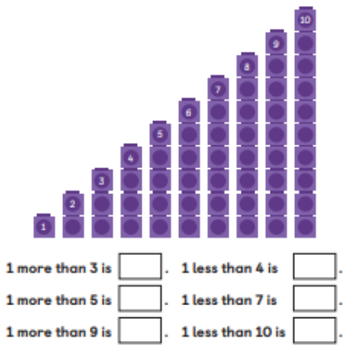
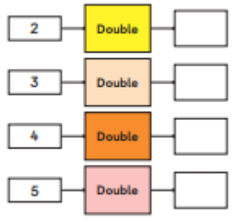
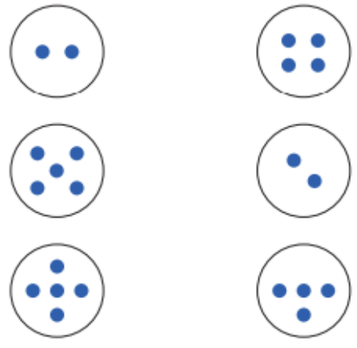
The Priory Church of England Primary School

Subject Overview: Maths

MATHS NO PROBLEM!

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	**Number** Represent, compose and compare numbers to 3. **Numerical Patterns** Match and sort. Compare amounts, size, mass and capacity. Make AB patterns.	**Number** Represent, compose and compare numbers to 5. **Numerical Patterns** Identify and describe circles, triangles, squares and rectangles. Use positional language including under, over, around and through. Identify one more and one less within 5.	**Number** Know the number bonds to 4. Identify 0. Represent, compose and compare numbers to 8. **Numerical Patterns** Compare mass and capacity. Make pairs.	**Number** Know the number bonds to 5. **Numerical Patterns** Combine 2 groups. Explore length, height and time. Compare numbers to 10. Identify a cube, sphere, cylinder and cone. Make ABB/AAB repeated patterns.	**Number** Know 5+5=10, 0+10=10. Count forwards and backwards within 10. **Numerical Patterns** Build and identify numbers to 20. Match patterns using tangrams and shapes. Add more and take away within 20.	**Number** Double within 10. **Numerical Patterns** Equally share into two groups. Identify even and odd numbers up to 10. Verbally count beyond 20.
	Part-Part-Whole & Conceptual Subitising 	*Composition of Numbers to 10* 	*Adding / Subtracting 1 and 0* 	*Doubles / Halves* 	*Equal Groups* 	

Year 1

Number & Place Value: Numbers to 10
1: Counting to 10
2: Counting Objects to 10
3: Writing to 10
4: Counting to Zero
5: Comparing Numbers of Objects
6: Ordering Numbers
7: Comparing Numbers

Calculations: Number Bonds
1: Making Number Bonds
2: Making Number Stories

Calculations: Addition Within 10
1: Add by Using Number Bonds
2: Add by Counting On
3: Completing Number Sentences
4: Making Addition Stories
5: Solving Picture Problems

Calculations: Subtraction Within 10
1: Subtract by Crossing Out
2: Subtract by Using Number Bonds
3: Subtract by Counting Back
4: Making Subtraction Stories
5: Solving Picture Problems
6: Addition and Subtraction

Geometry: Positions
1: Naming Positions
2: Naming Positions in Queues
3: Naming Left and Right Positions

Number & Place Value: Numbers to 20
1: Counting to 20
2: Writing to 20
3: Comparing Numbers
4: Ordering Numbers
5: Number Patterns

Calculations: Addition and Subtraction Within 20
1: Add by Counting On
2: Add by Making 10
3: Add by Adding Ones
4: Subtract by Counting Back
5: Subtract by Subtracting Ones
6: Subtract from 10
7: Addition and Subtraction Facts

Geometry: Shapes and Patterns
1: Recognising 3D Shapes
2: Recognising 2D Shapes
3: Grouping 2D Shapes
4: Making Patterns

Measurement: Height and Length
1: Comparing Height and Length
2: Measuring Length Using Thins
3: Measuring Height and Length Using Body Parts
4: Measuring Height and Length Using a Ruler

Number & Place Value: Numbers to 40
1: Counting to 40
2: Writing Numbers to 40
3: Counting in Tens and Ones
4: Comparing Numbers
5: Finding How Much More
6: Making Number Patterns

Calculations: Addition and Subtraction
1: Solving Word Problems
2: Solving Word Problems
3: Solving Word Problems
4: Solving Word Problems
5: Solving Word Problems
6: Solving Word Problems

Calculations: Multiplication
1: Making Equal Groups
2: Adding Equal Groups
3: Making Equal Rows
4: Making Doubles
5: Solving Word Problems

Calculations: Division
1: Grouping Equally
2: Sharing Equally

Fractions: Fractions
1: Making Halves
2: Making Quarters
3: Sharing and Grouping

Number & Place Value: Numbers to 100
1: Counting to 100
2: Finding Tens and Ones
3: Comparing Numbers
4: Making Number Patterns

Measurement: Time
1: Telling Time to the Hour
2: Telling Time to the Half Hour
3: Ordering Events
4: Estimating Duration of Time
5: Comparing Time
6: Using a Calendar

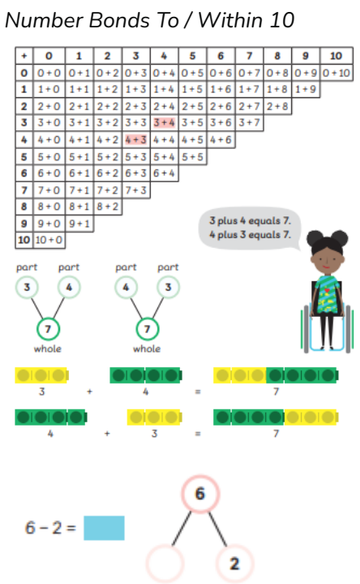
Measurement: Money
1: Recognising Coins
2: Recognising Notes

Measurement: Volume and Capacity
1: Comparing Volume
2: Finding Capacity
3: Describing Volume Using Half and a Quarter

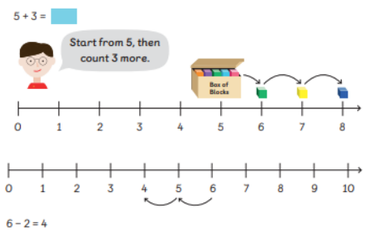
Measurement: Mass
1: Comparing Mass
2: Finding Mass
3: Finding and Comparing Mass

Geometry: Space
1: Describing Positions
2: Describing Movements
3: Making Turns

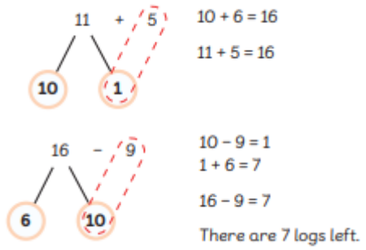
Number Bonds To / Within 10



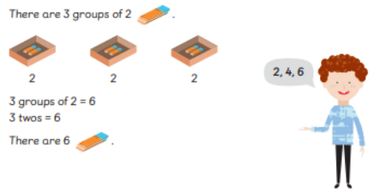
Counting On / Back in Ones



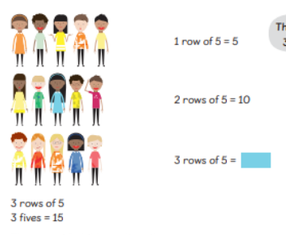
Making 10 / Subtracting From 10



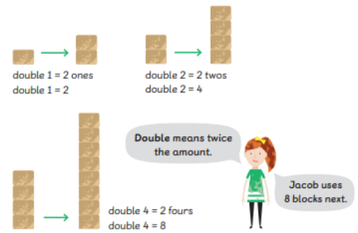
Counting in 2s, 5s and 10s & Repeated Addition



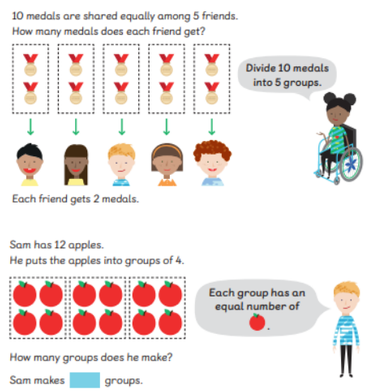
Arrays



Doubles



Grouping / Sharing



Year 2

Number & Place Value: Numbers to 100
1: Counting to 100
2: Place Value
3: Comparing Numbers
4: Number Bonds
5: Number Patterns
6: Number Patterns

Calculations: Addition and Subtraction
1-4: Simple Adding
5: Adding With Renaming
6: Adding With Renaming
7-10: Simple Subtracting
11: Subtraction From Multiples of 10
12: Subtracting With Renaming
13: Subtracting With Renaming
14: Addition of Three Numbers

Calculations: Multiplication of 2, 5 and 10
1: Multiplication as Equal Groups
2-3: 2 Times Table
4-5: 5 Times Table
6-7: 10 Times Table
8: Multiplying by 2, 5 and 10
9: Multiplying by 2, 5 and 10
10: Solving Word Problems

Calculations: Multiplication and Division of 2, 5 and 10
1: Grouping
2: Sharing
3: Dividing by 2
4: Dividing by 5
5: Dividing by 10
6: Multiplication and Division
7: Solving Word Problems
8: Odd and Even Numbers

Measurement: Length
1: Measuring Length in Metres
2: Measuring Length in Centimetres
3: Comparing Length in Metres
4: Comparing Length in Centimetres
5: Comparing the Lengths of Lines
6: Solving Word Problems
7: Solving Word Problems
8: Solving Word Problems

Measurement: Mass
1: Measuring Mass in Kilograms
2: Measuring Mass in Grams
3: Measuring Mass in Grams
4: Comparing Mass of Two Objects
5: Comparing the Mass of Three Objects
6: Solving Word Problems
7: Solving More Word Problems

Measurement: Temperature
1: Reading Temperature
2: Estimating Temperature

Statistics: Pictograms
1: Reading Pictograms
2: Reading Pictograms
3: Reading Pictograms
4: Reading Pictograms
5: Reading Pictograms

Calculations: More Word Problems
1: Solving Word Problems
2: Solving Word Problems
3: Solving Word Problems
4: Solving Word Problems

Measurement: Money
1: Writing Amounts of Money
2: Counting Money Using Notes
3: Counting Money Using Coins
4: Counting Money
5: Showing Equal Amounts of Money
6: Exchanging Money
7: Comparing Amounts of Money
8: Calculating Total Amount
9: Calculating Change
10: Solving Word Problems

Geometry: 2D Shapes
1: Identifying Sides
2: Identifying Vertices
3: Identifying Lines of Symmetry
4: Making Figures
5: Sorting Shapes
6: Drawing Shapes
7: Making Patterns
8: Describing Patterns
9: Moving Shapes
10: Turning Shapes

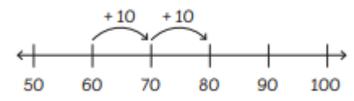
Geometry: 3D Shapes
1: Recognising 3D Shapes
2: Describing 3D Shapes
3: Describing 3D Shapes
4: Grouping 3D Shapes
5: Forming 3D Structures
6: Making Patterns

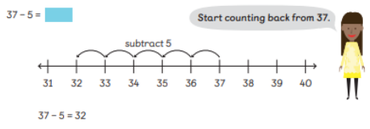
Fractions: Fractions
1: Showing Equal Parts
2: Showing Half and Quarter
3: Showing Quarters
4: Showing Thirds
5: Naming Fractions
6: Making a Whole
7: Counting in Halves
8: Counting in Quarters
9: Counting in Thirds
10: Finding Part of a Set
11: Finding Part of a Set
12: Finding Part of a Set
13: Finding Part of a Quantity

Measurement: Time
1: Telling and Writing Time to 5 Minutes
2: Telling and Writing Time
3: Sequencing Events
4: Drawing Clock Hands
5: Finding Durations of Time
6: Finding Ending Times
7: Finding Ending Times
8: Finding Starting Times
9: Comparing Durations of Time

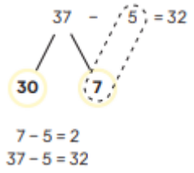
Measurement: Volume
1: Comparing Volume
2: Comparing Volume
3: Measuring Volume in Litres
4: Measuring Volume in Millilitres
5: Solving Word Problems
6: Solving Word Problems
7: Solving Word Problems

Counting On / Back in Ones and Tens

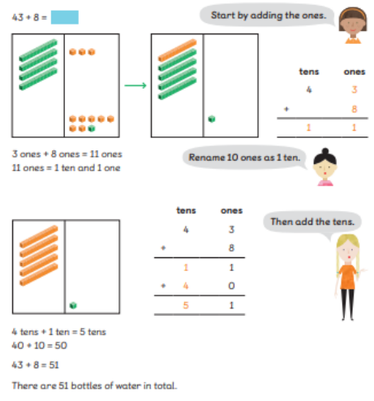




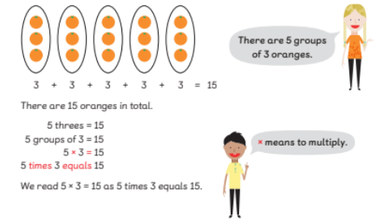
Partitioning



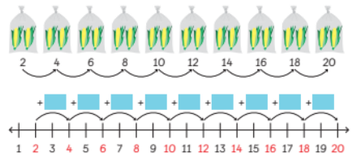
Formal Written Method - TO



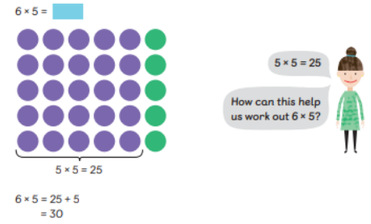
Equal Groups



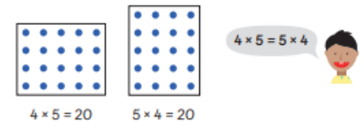
Multiplying and Dividing by 2, 5 and 10



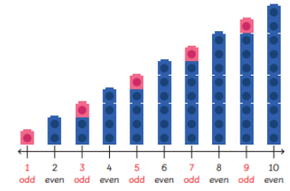
Associated Facts & Fact Families



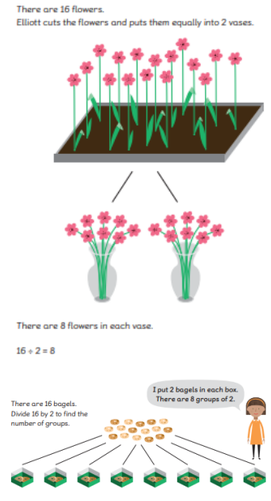
Commutativity



Odd and Even



Grouping / Sharing



Year 3

Number & Place Value: Numbers to 1000
1: Counting in Hundreds
2: Counting in Hundreds, Tens and Ones
3: Place Value
4: Comparing and Ordering Numbers
5: Counting in Fifties
6: Number Patterns
7: Number Patterns
8: Counting in Fours and Eights

Calculations: Addition and Subtraction
1: Addition and Subtraction Facts
2: Adding Ones
3: Adding Tens
4: Adding Hundreds
5: Simple Adding
6: Adding With Renaming
7: Adding With Renaming
8: Adding With Renaming
9: Adding With Renaming
10: Adding With Renaming
11: Subtracting Ones
12: Subtracting Tens
13: Subtracting Hundreds
14: Simple Subtracting
15: Subtracting With Renaming
16: Subtracting With Renaming
17: Subtracting With Renaming
18: Subtracting With Renaming
19-22: Using Models

Calculations: Multiplication and Division
1: Multiplying by 3
2: Multiplying by 3
3: Multiplying by 4
4: Multiplying by 4
5: Multiplying by 4 and 8
6: Multiplying by 8
7: Multiplying by 8
8: Dividing by 3
9: Dividing by 4
10: Multiplying and Dividing
11: Dividing by 4 and 8
12: Solving Word Problems
13: Solving Word Problems
14: Solving Word Problems
15: Solving Word Problems

Calculations: Further Multiplication and Division
1: Multiplying 2-Digit Numbers
2: Multiplying 2-Digit Numbers
3: Multiplying 2-Digit Numbers
4: Multiplying With Renaming
5: Multiplying With Renaming
6: Dividing 2-Digit Numbers
7: Dividing With Renaming
8: Dividing With Renaming
9: Solving Word Problems
10: Solving Word Problems
11: Solving Word Problems

Measurement: Length
1: Writing Length in Metres and Centimetres
2: Writing Length in Centimetres
3: Writing Length in Centimetres and Millimetres
4: Writing Length in Millimetres
5: Comparing Lengths
6-10: Solving Word Problems

Measurement: Mass
1: Reading Weighing Scales
2: Reading Weighing Scales
3: Reading Weighing Scales
4: Reading Weighing Scales
5-7: Solving Word Problems

Measurement: Volume
1: Measuring Volume in Millilitres
2: Measuring Capacity in Millilitres
3: Measuring Volume in Millilitres and Litres
4: Measuring Capacity in Millilitres and Litres
5: Writing Volume in Litres and Millilitres
6: Writing Capacity in Litres and Millilitres
7-10: Solving Word Problems

Measurement: Money
1: Counting Money
2: Showing Amounts of Money
3: Adding Money
4: Adding Money
5: Subtracting Money
6: Subtracting Money
7: Subtracting Money
8: Calculating Change
9: Solving Word Problems
10: Solving Word Problems

Measurement: Time
1: Telling the Time (AM & PM))
2: Telling the Time (Minute and Hour)
3: Telling the Time
4: Telling the Time
5: Telling the Time (12 and 24 Hour)
6: Telling the Time (Roman Numerals)
7: Telling the Time (Seconds)
8: Measuring and Comparing Time in Seconds
9: Measuring Time in Seconds
10: Finding Duration in Minutes
11: Finding Start Times and End Times
12: Finding Duration in Hours
13: Finding Start Times and End Times
14: Converting Minutes to Seconds
15: Converting Seconds to Minutes
16: Finding Number of Days
17: Finding Number of Days

Statistics: Pictograms and Bar Graphs
1: Drawing Pictograms
2: Drawing Bar Graphs
3: Reading Bar Graphs
4: Reading Bar Graphs

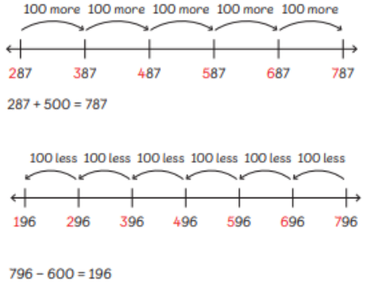
Fractions, Decimals and Percentages: Fractions
1: Counting in Tenths
2: Fractions as Division
3: Finding Part of a Set
4: Finding Part of a Set
5: Finding Equivalent Fractions
6: Finding Equivalent Fractions
7: Comparing and Ordering Fractions
8: Comparing and Ordering Fractions
9: Comparing Fractions
10: Adding Fractions
11: Subtracting Fractions
12: Subtracting Fractions
13: Solving Word Problems
14: Solving Word Problems

Geometry: Angles
1: Making Angles
2: Finding Right Angles
3: Finding Different Angles
4: Finding Angles in Shapes
5: Comparing Angles
6: Making Turns

Geometry: Lines and Shapes
1: Identifying Perpendicular Lines
2: Identifying Parallel Lines
3: Finding Horizontal and Vertical Lines
4: Drawing 2D Shapes
5: Describing 3D Shapes

Measurement: Perimeter
1: Measuring Total Length Around a Shape
2: Measuring Perimeter
3: Measuring Perimeter
4: Measuring Perimeter
5: Measuring Perimeter
6: Calculating Perimeter
7: Calculating Perimeter
8: Calculating Perimeter
9: Calculating Perimeter

Counting On / Back in 1s, 10s and 100s



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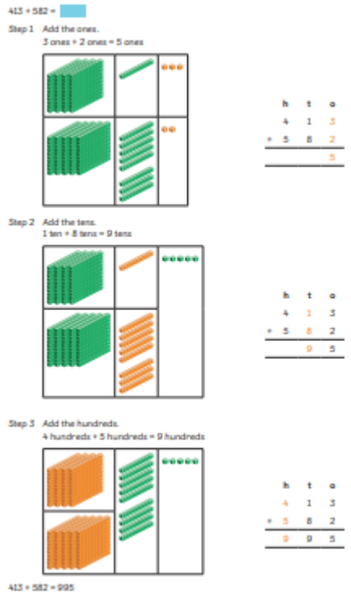
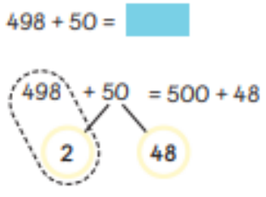
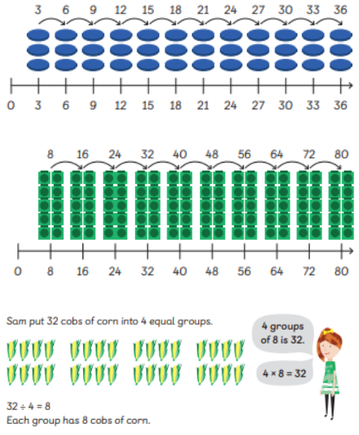


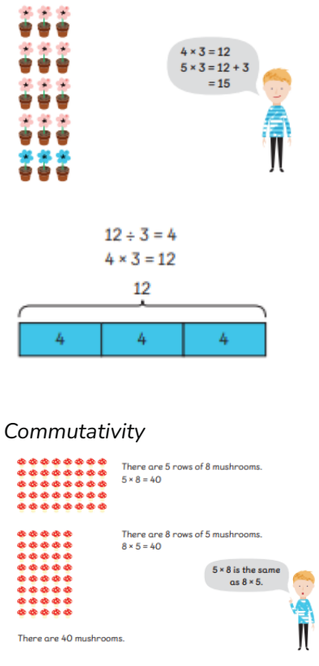
Making 10 and 100



Multiplying and Dividing by 3, 4 and 8

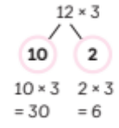


Associated Facts & Fact Families



Commutativity

Partitioning Using Number Bonds



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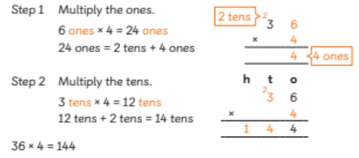


Year 4

Number & Place Value: Numbers to 10 000
1: Counting in Hundreds and Twenty-Fives
2: Counting in Thousands
3: Counting in Thousands, Hundreds, Tens and Ones
4: Using Place Value
5: Using Place Value
6: Comparing and Ordering Numbers
7: Comparing and Ordering Numbers
8: Making Number Patterns
9: Making Number Patterns
10: Rounding 4-Digit Numbers to the Nearest 1000
11: Rounding 4-Digit Numbers to the Nearest 10 or 100
12: Rounding Numbers to Estimate
13: Rounding Numbers to Estimate

Calculations: Addition and Subtraction
1: Finding Sums
2: Adding Without Renaming
3-5: Adding With Renaming
6-7: Adding Using Mental Strategies
8: Finding Differences
9: Subtracting Without Renaming
10-12: Subtracting With Renaming
13: Subtracting Using Mental Strategies
14-16: Solving Word Problems

Calculations: Multiplication and Division
1: Counting 6s, 7s and 9s
2: Multiplying by 9
3: Multiplying by 7
4: Multiplying by 9
5: Multiplying by 9
6: Multiplying by 11
7: Multiplying by 11
8: Multiplying by 12
9: Dividing by 6
10: Dividing by 7
11: Dividing by 9
12: Multiplying and Dividing by 11 and 12
13: Dividing With Remainder
14: Solving Word Problems
15: Solving Word Problems
16: Solving Word Problems
17: Solving Word Problems
18: Solving Word Problems
19: Solving Word Problems

Calculations: Further Multiplication and Division
1: Multiplying by 0 and 1
2: Dividing by 1
3: Multiplying the Same Two Numbers
4: Multiplying Three Numbers
5: Multiplying Multiples of 10
6: Multiplying 2-Digit Numbers Without Renaming
7: Multiplying 2-Digit Numbers With Renaming
8: Multiplying Multiples of 100
9: Multiplying 3-Digit Numbers Without Renaming
10: Multiplying 3-Digit Numbers With Renaming
11: Multiplying 3-Digit Numbers With Renaming
12: Dividing 2-Digit Numbers
13: Dividing 3-Digit Numbers
14: Dividing 2-Digit Numbers
15: Dividing 3-Digit Numbers
16: Dividing 3-Digit Numbers
17: Solving Word Problems
18: Solving Word Problems

Statistics: Graphs
1: Drawing and Reading Pictograms and Bar Graphs
2: Drawing and Reading Bar Graphs
3-5: Drawing and Reading Line Graphs

Fractions, Decimals and Percentages: Fractions
1: Counting in Hundredths
2: Writing Mixed Numbers
3: Showing Mixed Numbers on a Number Line
4-5: Finding Equivalent Fractions
6: Simplifying Mixed Numbers
7: Simplifying Improper Fractions
8-10: Adding Fractions
11-12: Subtracting Fractions
13: Solving Word Problems

Measurement: Time
1: Telling Time on a 24-Hour Clock
2: Converting Time: Mins to Seconds
3: Converting Time: Hours to Minutes
4: Solving Problems on Duration
5: Converting Years to Months and Weeks to Days
6: Solving Word Problems

Fractions, Decimals and Percentages: Decimals
1-2: Writing Tenths
3-4: Writing Hundredths
5: Dividing by 10 and 100
6: Making Number Patterns
7: Comparing and Ordering Decimals
8: Rounding Decimals
9: Writing Fractions as Decimals

Measurement: Money
1: Writing Amounts of Money
2: Writing Amounts of Money
3: Comparing Amounts of Money
4: Rounding Amounts of Money
5-7: Solving Problems Involving Money
8: Estimating Amounts of Money

Measurement: Length, Mass and Volume
1: Converting Units of Length
2: Converting Units of Length
3: Estimating Length
4: Converting Units of Mass
5: Estimating Mass
6: Converting Units of Volume
7: Estimating Volume
8: Comparing and Ordering Measurements

Measurement: Area and Perimeter
1: Finding Perimeter
2: Understanding Area
3: Measuring and Comparing Areas of Figures
4: Measuring and Comparing Areas of Figures
5: Comparing Perimeters and Areas of Figures
6-7: Finding Areas of Squares and Rectangles

Geometry: Geometry
1: Identifying Types of Angles
2: Comparing Angles
3: Classifying Triangles
4: Classifying Quadrilaterals
5: Identifying Symmetrical Figures
6: Finding Lines of Symmetry
7: Completing Symmetrical Figures
8: Making Symmetrical Figures
9: Comparing and Classifying Shapes

Geometry: Position and Movement
1: Describing Position
2: Describing Position
3: Plotting Points
4: Describing Translations
5: Describing Translations

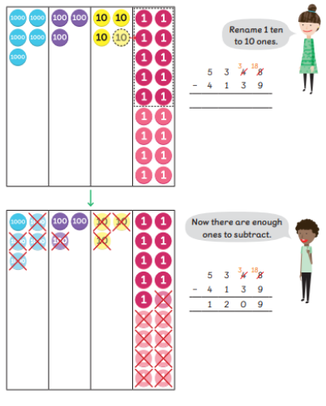
Number and Place Value: Roman Numerals
1: Writing Roman Numerals From 1 to 20
2: Writing Roman Numerals to 100

Formal Written Method - THTO

4188 + 3245 = ☐

	4	1	8	8
+	3	2	4	5
			1	3	Add the ones.
		1	2	0	Add the tens.
		3	0	0	Add the hundreds.
+	7	0	0	0	Add the thousands.
	7	4	3	3	

	2	6	1	2
+	4	2	6	4
	6	8	7	6



Making 10 and 100

make 10
4072 + 8 = ☐
4072 + 8 = 4070 + 10
4072 + 8 = 4080

make 100
97 + 5213 = ☐
97 + 5213 = 100 + 5210
= 5310

Compensation

1 Lulu used this method to find the sum of 3067 and 9.
3067 + 10 = 3077 (1 less)
3067 + 9 = 3076
I know adding 9 is 1 less than adding 10.

2 Ravi used this method to find the sum of 98 and 5262.
100 + 5262 = 5362 (2 less)
98 + 5262 = 5360
I know adding 98 is 2 less than adding 100.

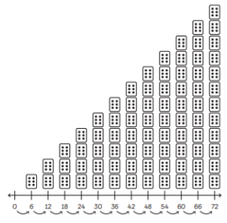
Redistribution

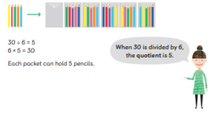
3002 − 198 = 2804

3002 − 198 = 2802 + 2

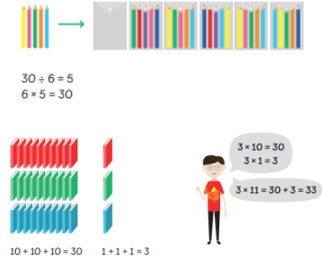
200 − 198 = 2

Multiplying and Dividing by 6, 7, 9, 11 and 12

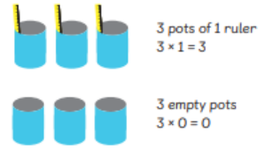




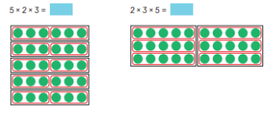
Associated Facts & Fact Families



Multiplying and Dividing by 0 and 1



Commutativity

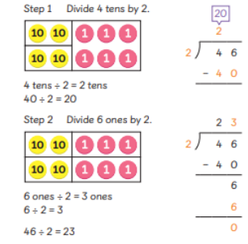


Multiplying Multiples of 10

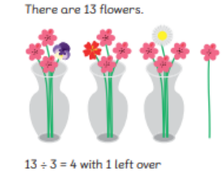
30 is equal to 3 tens.
5 × 3 = 15
5 × 3 tens = 15 tens
= 150

5 × 30 = 150

Formal Written Method: 3dx1d; 2d÷1d



Remainders



Partitioning Using Place Value

306 ÷ 3 = ☐

Year 5

Number & Place Value: Numbers to 1 000 000
1: Reading and Writing Numbers to 100 000
2: Reading and Writing Numbers to 1 000 000
3: Reading and Writing Numbers to 1 000 000
4: Comparing Numbers to 1 000 000
5: Comparing Numbers to 1 000 000
6: Comparing Numbers to 1 000 000
7: Comparing Numbers to 1 000 000
8: Making Number Patterns
9: Making Number Patterns
10: Rounding Numbers to the Nearest 10 000
11: Rounding Numbers to the Nearest 100 000
12: Rounding Numbers

Calculations: Addition and Subtraction
1: Counting On to Add
2: Adding Within 1 000 000
3: Adding Within 1 000 000
4: Adding Within 1 000 000
5: Counting Backwards to Subtract
6: Subtracting Within 1 000 000
7: Subtracting Within 1 000 000
8: Subtracting Within 1 000 000
9: Adding and Subtracting Within 1 000 000
10: Adding and Subtracting Within 1 000 000

Calculations: Multiplication and Division
1: Finding Multiples
2: Finding Factors
3: Finding Common Factors
4: Finding Prime Numbers
5: Prime Numbers and Composite Numbers
6: Finding Square and Cube Numbers
7: Multiplying by 10, 100 and 1000
8: Multiplying 2-Digit and 3-Digit Numbers by a Single Digit
9-11: Multiplying 4-Digit Numbers
12-13: Multiplying a 2-Digit Number by a 2-Digit Number
14-15: Multiplying a 3-Digit Number by a 2-Digit Number
16: Dividing by 10, 100 and 1000
17-18: Dividing Without Remainder
19: Dividing With Remainder

Calculations: Word Problems
1: Solving Word Problems Using Multiplication and Division
2: Solving Word Problems Using Bar Models
3: Solving Multi-Step Word Problems
4: Solving Multi-Step Word Problems

Statistics: Graphs
1: Reading Tables
2: Reading Tables
3: Reading Tables
4: Reading Line Graphs
5: Reading Line Graphs
6: Reading Line Graphs
7: Reading Line Graphs

Fractions, Decimals and Percentages: Fractions
1: Dividing to Make Fractions
2: Writing Improper Fractions and Mixed Numbers
3: Finding Equivalent Fractions
4: Comparing and Ordering Fractions
5: Comparing and Ordering Improper Fractions
6: Comparing and Ordering Mixed Numbers
7: Making Number Pairs
8: Adding Fractions
9: Adding Fractions
10: Adding Fractions
11: Adding Fractions
12: Subtracting Fractions
13: Subtracting Fractions
14: Subtracting Fractions
15: Multiplying Whole Numbers by Proper Fractions
16: Multiplying Proper Fractions and Whole Numbers
17: Multiplying Mixed Numbers and Whole Numbers
18: Multiplying Mixed Numbers and Whole Numbers

Fractions, Decimals and Percentages: Decimals
1: Writing Decimals
2: Reading and Writing Decimals
3: Reading and Writing Decimals
4: Comparing Decimals
5: Comparing Decimals
6: Comparing Decimals
7: Writing Fractions as Decimals
8-14: Adding and Subtracting Decimals
15: Rounding Decimals

Fractions, Decimals and Percentages: Percentages
1: Writing Percentages
2: Equivalent Fractions and Decimals
3: Comparing Proportions Using Percentages

Geometry: Geometry
1: Types of Angles
2: Measuring Angles
3: Measuring Angles at a Point
4: Finding Angles at a Point on a Straight Line
5: Finding Angles Around a Point
6: Drawing Lines and Acute Angles
7: Drawing Lines and Obtuse Angles
8: Rectangles and Squares
9: Angles Inside Quadrilaterals
10: Solving Problems With Angles in Quadrilaterals
11: Solving Problems Involving Parallel Lines and Diagonals
12: Regular and Irregular Polygons

Geometry: Position and Movement
1: Naming and Plotting Points
2: Describing Translations
3: Describing Reflections
4: Describing Reflections
5: Describing Successive Reflections

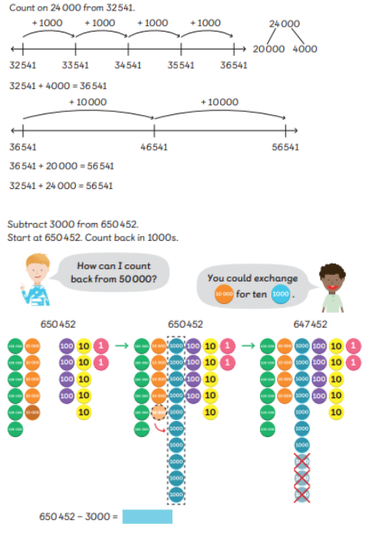
Measurement: Measurements
1: Converting Units of Length: Centimetres and Millimetres
2: Converting Units of Length: Metres and Centimetres
3: Converting Units of Length:: Kilometres and Metres
4: Converting Units of Mass: Kilograms and Grams
5: Converting Units of Volume: Litres and Millilitres
6: Converting Imperial and Metric Units of Measurement
7: Solving Word Problems: Length, Mass and Volume
8: Solving Word Problems: Time
9: Reading the Temperature

Measurement: Area and Perimeter
1: Perimeter of Rectangles and Squares
2: Area of Rectangles and Squares
3: Perimeter of Composite Shapes
4: Area of Composite Shapes
5: Estimating Area and Drawing to Scale

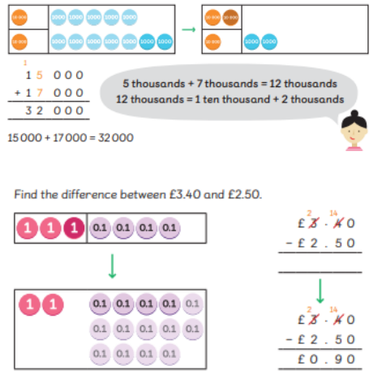
Measurement: Volume
1: Volume of Solids
2: Volume of Solids in Cubic Units
3: Finding the Volume of Cuboids
4: Finding the Volume of Liquids
5: Solving Word Problems Involving Volume

Number and Place Value: Roman Numerals
1: Roman Numerals to 1000
2: Years in Roman Numerals

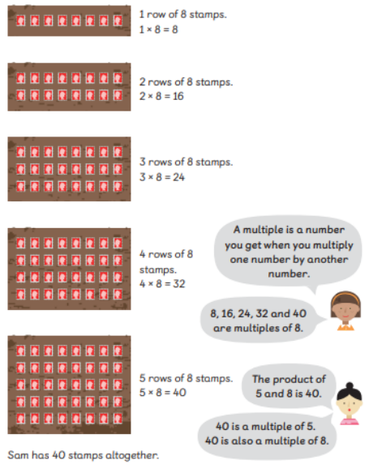
Counting On / Back in 1s, 10s, 100s, 1000s, 10 000s



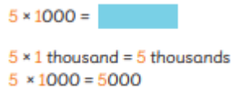
Formal Written Method



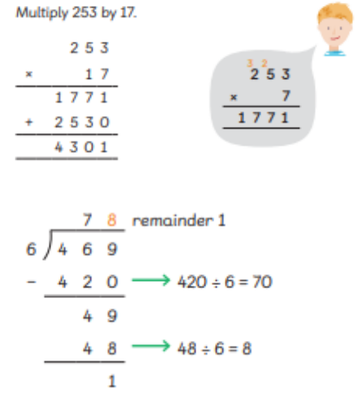
Counting in Multiples



Multiplying and Dividing by 10, 100 and 1000



Formal Written Method: 4dx1d; 3dx2d; 3d÷1d



Year 6

Number & Place Value: Numbers to 10 Million
1: Reading and Writing Numbers to 10 Million
2: Comparing Numbers to 10 Million
3: Comparing and Ordering Numbers to 10 Million
4: Rounding Numbers
5: Rounding Numbers

Calculations: Four Operations on Whole Numbers
1: Using Mixed Operations
2: Order of Operations
3: Multiplying by Tens
4: Multiplying a 3-Digit Number by a 3-Digit Number
5: Multiplying a 2-Digit Number
6: Multiplying a 3-Digit Number by a 2-Digit Number
7: Multiplying a 4-Digit Number by a 2-Digit Number
8: Multiplying a 2-Digit Number
9: Dividing by a 2-Digit Number
10: Dividing by a 2-Digit Number
11: Dividing by a 2-Digit Number
12: Dividing by a 2-Digit Number With Remainder
13: Dividing by a 2-Digit Number With Remainder
14: Solving Word Problems Using Bar Models
15: Solving Word Problems Using Patterns
16: Solving Word Problems Using Multiple Methods
17: Finding Common Multiples
18: Finding Common Multiples
19: Finding Common Factors
20: Finding Common Factors
21: Finding Prime Numbers
22: Finding Prime Numbers

Fractions, Decimals and Percentages: Fractions
1-2: Simplifying Fractions Using Common Factors
3: Comparing and Ordering Proper Fractions
4: Comparing and Ordering Improper Fractions
5: Comparing and Ordering Fractions and Mixed Numbers
6-7: Adding and Subtracting Unlike Fractions
8-9: Adding and Subtracting Mixed Numbers
10-12: Multiplying Pairs of Proper Fractions
13-15: Dividing a Fraction by a Whole Number

Fractions, Decimals and Percentages: Decimals
1: Reading and Writing Decimals
2: Dividing Whole Numbers by Multiples of 10
3: Dividing Whole Numbers
4-5: Writing Fractions as Decimals
6: Multiplying Decimals Without Renaming
7: Multiplying Decimals With Renaming
8: Multiplying Decimals With Regrouping
9: Multiplying Decimals With Renaming
10: Dividing Decimals Without Renaming
11: Dividing Decimals With Renaming
12: Multiplying a Decimal by a 2-Digit Whole Number
13-14: Dividing a Decimal by a 2-Digit Whole Number

Measurement: Measurements
1: Converting Units of Length: Millimetres and Centimetres
2: Converting Units of Length: Metres and Centimetres
3: Converting Units of Length: Kilometres and Metres
4: Converting Units of Length: Miles and Kilometres
5: Converting Units of Mass
6: Converting Units of Volume
7: Converting Units of Time

Word Problems
1: Solving Word Problems
2: Solving Word Problems
3: Solving Word Problems
4: Solving Word Problems
5: Solving Word Problems
6: Solving Word Problems

Fractions, Decimals and Percentages: Percentage
1: Finding the Percentage of a Number
2: Finding the Percentage of a Quantity
3: Finding Percentage Change
4: Using Percentage to Compare

Ratio and Proportion: Ratio
1: Comparing Quantities
2: Comparing Quantities
3: Comparing Several Quantities
4: Finding Quantities From Ratios
5: Ratios With Measurements
6: Finding Ratios
7: Comparing Ratios to Find a Quantity
8: Word Problems Involving Ratio
9: Word Problems Involving Ratio
10: Word Problems Involving Ratio

Algebra: Algebra
1: Describing a Pattern
2: Describing a Pattern
3: Describing a Pattern
4: Describing a Pattern
5: Writing Algebraic Expressions
6: Writing Algebraic Expressions
7: Writing and Evaluating Algebraic Expressions
8: Writing Formulae
9: Using Formulae
10: Solving Equations

Measurement: Area and Perimeter
1: Finding the Perimeter and the Area of Rectangles
2: Finding the Base and Height of Triangles
3: Finding the Area of Triangles
4: Finding the Area of Parallelograms

Geometry: Geometry
1: Investigating Vertically Opposite Angles
2: Solving Problems Involving Angles
3: Investigating Angles in Triangles
4: Investigating Angles in Quadrilaterals
5: Finding Angles in Polygons

Geometry: Position and Movement
1: Showing Negative Numbers
2: Describing Position
3: Describing Position
4: Drawing Polygons on a Coordinate Grid
5: Describing Translations

Statistics: Graphs and Averages
1: Understanding Averages
2: Calculating the Mean
3: Calculating the Mean
4: Solving Problems Involving the Mean
5: Reading Pie Charts
6: Reading Pie Charts
7: Reading Pie Charts
8: Reading Pie Charts
9: Reading Line Graphs
10: Reading Line Graphs
11: Converting Miles and Kilometres

Number and Place Value: Negative Numbers
1: Adding and Subtracting Negative Numbers
2: Using Negative Numbers

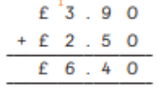
SATs

Measurement: Volume
1: Finding the Volume of Cuboids
2: Finding the Volume of Cuboids
3: Finding the Volume of Cuboids
4: Finding the Volume of Cuboids
5: Solving Problems Involving Volume

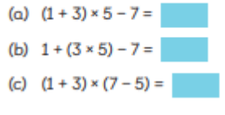
Geometry: Geometry
6: Naming Parts of a Circle
7: Solving Problems Involving Angles in a Circle
8: Drawing Quadrilaterals
9: Drawing Triangles
10: Drawing Triangles
11: Drawing Nets of 3D Shapes
12: Drawing Nets of 3D Shapes

Geometry: Position and Movement
6: Describing Reflections
7: Describing Movements
8: Describing Movements
9: Using Algebra to Describe Position
10: Using Algebra to Describe Movements

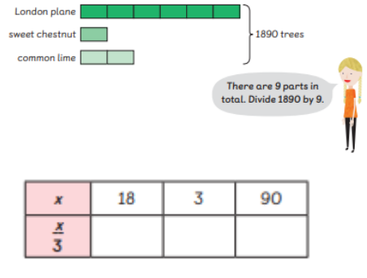
Formal Written Method



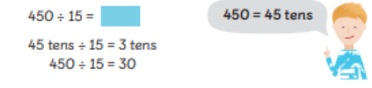
Order of Operations



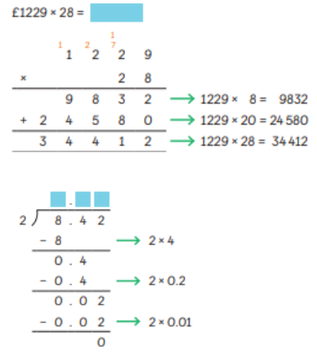
Ratio and Algebra



Multiplying / Dividing Multiples of 10 Using Factors



Formal Written Method: 4dx2d; 3d÷2d



Multiplying / Dividing Using Partitioning