

INTRODUCTION

This Maths and Calculation Policy has been produced in line with the 2014 National Curriculum for Mathematics to ensure consistency and progression in teaching throughout the school that is age appropriate. It aims to introduce children to the processes of calculation through practical, oral and mental activities following the White Rose scheme of work. As children begin to understand the underlying ideas, they develop ways of recording to support their thinking and calculation methods. This policy shows the natural progression that a child should make in their mathematical education. Children should not progress onto the advanced stages of formal written methods until they have a secure conceptual understanding. By the end of Year 6, children should be able to choose the most appropriate approach to solve a problem: making a choice between using jottings (an extended written method), an efficient written method or a mental method.

Intent

Maths is a journey and long-term goal, achieved through exploration, clarification, practice and application over time. At each stage of learning, children should be able to demonstrate a deep, conceptual understanding of the topic and be able to build on this over time.

Our overall aims for when children leave Chulmleigh Academy Primary schools are:

- develop a positive attitude to mathematics as an interesting subject in which all children gain success and pleasure and make links in their understanding.
- have access to a high quality maths curriculum that is both challenging and enjoyable, builds upon previous learning and allows them to implement their prior understanding.
- be provided with a variety of mathematical opportunities, which will enable them to make the connections and apply in other subjects.
- ensuring children are confident mathematicians who are not afraid to take risks and ask questions.
- develop an ability to use correct the mathematical language and vocabulary and apply it in maths every lesson through maths talk, introduction every lesson and displayed on working wall.
- develop mathematical skills and knowledge and recall of basic facts and the four operations with the use of planned arithmetic lessons and use of online websites such as TTRS.
- be able to use this knowledge and understanding to carry out calculations mentally when necessary
- make use of diagrams and informal notes (jottings) to help record steps and part answers when using mental methods that generate more information than can be kept in their heads
- have an efficient, reliable, compact written method of calculation for each operation that children can apply with confidence when undertaking calculations that they cannot carry out mentally. They will do this by always asking themselves: Can I do this in my head? Can I do this in my head using drawings or jottings? Do I need to use a pencil and paper procedure of a formal written method?

Implementation

Our implementation is developed through secure understanding of the curriculum and subject area. We follow the scheme of White Rose Maths to guide our planning throughout the year and adapt accordingly to class needs. Teachers have access to a variety of websites and planning to support their planning process which enables them to find high quality Maths resources.

Planning

Planning is undertaken at three levels:

1. Long term: National Curriculum

The National Curriculum 2014 has 3 central aims:

- Become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. In order to achieve this we need to provide opportunities for children to investigate numbers by counting, cardinality (how many there are in the group), comparison and composition. They need to practice decomposing and recomposing numbers, recalling number bonds and multiplication tables to improve mathematical fluency.
- Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language. The conversations we have and questions we ask are key to developing reasoning skills. We can ask children to describe, explain, convince others, justify and prove to promote their reasoning skills. Adults can support children to develop reasoning by modelling, using mathematical language (also displayed in classrooms), using sentence stems (displayed and referred to on the front covers of the Maths books), group work, Cooperative learning CLIPs, understanding how others work and making personal notes and recordings.
- Can **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions. Activities should be provided where children can solve number problems, practical problems and missing number problems. Problem solving is not just about solving the problem, it is about *how* they solved the problem. *What* strategies and mathematical concepts did they use? All pupils should have the opportunity to apply their mathematics to solve problems. The use of mathematical language and modelling can all help support children to develop their problem solving skills. Higher attaining children need to solve problems that require more demanding reasoning and problem solving skills rather than harder numbers. We must ensure that children have the opportunity to conjecture when problem solving. Problem solving is more than learning and following a procedure.

Planning also links to the NCETM 5 Big Ideas where each lesson incorporates each idea.



Coherence

Lessons are broken down into small connected steps that gradually unfold the concept, providing access for all children and leading to a generalisation of the concept and the ability to apply the concept to a range of contexts.

Representation and Structure

Representations used in lessons expose the mathematical structure being taught, the aim being that students can do the maths without recourse to the representation

Mathematical Thinking

If taught ideas are to be understood deeply, they must not merely be passively received but must be worked on by the student: thought about, reasoned with and discussed with others

Fluency

Quick and efficient recall of facts and procedures and the flexibility to move between different contexts and representations of mathematics

Variation

Variation is twofold. It is firstly about how the teacher represents the concept being taught, often in more than one way, to draw attention to critical aspects, and to develop deep and holistic understanding. It is also about the sequencing of the episodes, activities and exercises used within a lesson and follow up practice, paying attention to what is kept the same and what changes, to connect the mathematics and draw attention to mathematical relationships and structure

2. Medium term

The sequencing of teaching reflects the needs of the learners. Place value and arithmetic are given priority at the start of each academic year as these are the building blocks for mathematical learning. Here on, it is an ongoing formative assessment and analysis process of curriculum objectives (use of White Rose) that results in the learning being planned for and delivered in direct correlation to assessment findings.

The use of S planning allows teacher to plan out the learning journey for each area being taught which allows teachers to think about activities, prior learning, vocabulary and potential misconceptions.

3. Short term planning

Short term planning is carried out weekly by the class teacher supported by the use of many different websites and our Calculation Policy. These plans list the specific learning objectives and details of how the lessons are to be taught, including key vocabulary. The structure of a lesson is as follows:

- Recap recapping prior learning from the previous lesson and incorporating fluency.
- Guided Practice Teacher input (main teaching part of the lesson) but also involves child involvement (ping pong approach which links to the Mastery Maths approach to teaching maths) This is also where key vocabulary for the lesson is introduced as well as the Anchor task for the lesson.
- Independent learning- This is where children complete a given task relating to the lesson and relevant children are guided/supported depending on teacher judgment.
- Plenary revisiting of the Anchor Task and possible opportunities for children to demonstrate reasoning skills.

Concrete, pictorial and Abstract (CPA) approach

At Chulmleigh Academy primary schools, we recognise that the **Concrete Pictorial Abstract (CPA)** approach is highly effective in the teaching of Maths to develop conceptual understanding. This approach will vary between year groups and the individual abilities of children within each class.

The mastery approach incorporates the use of objects, images, words, numbers and symbols to help children explore and demonstrate mathematical ideas, rich mathematical vocabulary, enrich their learning experience and deepen understanding. Together, these elements help cement knowledge so pupils truly understand what they've learnt.

All pupils, when introduced to a key new concept, should have the opportunity to build competency in this topic by taking this approach. Pupils are encouraged to physically represent mathematical concepts. Objects and pictures are used to demonstrate and visualise abstract ideas, alongside numbers and symbols.

Concrete – The doing stage

There is a clear focus on the use of manipulatives and visual images to support understanding in every year group. Each new concept or calculation strategy will be introduced using appropriate manipulatives, giving the children a clear picture of the mathematics they are learning. It is important that children have access to a wide range of manipulatives in every year group and, consequently, we encourage children to be independent in their use of manipulatives throughout the school and access resources as they see fit. This is the foundation for conceptual understanding.

Concrete resources that may be found in classrooms will include:



These resources will vary depending on year group and individual needs.

Pictorial – The seeing stage

A child has sufficiently understood the hands-on experiences performed and can now relate them to representations, such as a diagram or a picture of the problem.

Abstract- The symbolic stage

A child is now capable of representing problems by using mathematical notation, for example $10 \div 2 = 5$

Teaching

'Quality first teaching' linked to teaching standards: All teachers:

1. 'Know where their children are' through the use of summative assessment, prior learning, assessment, maths/learning talk

2. 'Understand where their children need to be' through a secure understanding of year group expectations and/or pre key stage expectations and ongoing, formative assessment

3. 'Know how they are going to get them there' through the use of a range of strategies to promote independence, mastery and high expectations of ALL.

4. Effectively deploy adults, specifically during introductions, plenaries & catch-up sessions

5. Plan for progression during and between lessons.

<u>Assessment</u>

- 1. Summative/reported (EYFS, Yr 2, Yr 6)
- 2. Standardisation (Year 1 6) Termly/half termly assessments for each year group (NTS and Sats papers)
- 3. Formative Giving feedback in marking to support understanding
- 4. Children identified for PPD

Impact

Pupils will leave us prepared for the next stage in their lives with:

- Quick recall of facts and procedures
- The flexibility and fluidity to move between different contexts and representations of mathematics
- The ability to recognise relationships and make connections in mathematics
- Confidence and belief that they can achieve

- Skills and concepts that have been mastered
- Have a positive and inquisitive attitude to mathematics as an interesting and attractive subject in which all children gain success and pleasure.

A mathematical concept or skill has been mastered when a child can show it in multiple ways, using the mathematical language to explain their ideas, and can independently apply the concept to new problems in unfamiliar situations and this is the goal for our children.

These will be assessed through: assessment, tracking, pupil progress meetings and moderations.

	EYFS (Nursery & Reception)					
Addition	Subtraction	Multiplication	Division			
Children are encouraged to gain a sense of the number system through the use of counting concrete objects. They combine objects in practical ways and count all. They understand addition as counting on and will count on in ones and twos using objects, cubes, bead string and number line. They use concrete and pictorial representation to record their calculations.	Children are encouraged to gain a sense of the number system through the use of counting concrete objects. They understand subtraction as counting out. They begin to count back in ones and twos using objects, cubes, bead string and number line. They use concrete and pictorial representation to record their calculations.	Children use concrete objects to make and count equal groups of objects. They will count on in twos using a bead string and number line. They understand doubling as repeated addition. 2 + 2 = 4 They use concrete and pictorial representation to record their calculations. Higher attaining children may be able to represent their calculations using symbols and numbers within a written calculation.	Children use concrete objects to count and share equally into 2 groups.			

They begin to use + and = They are encouraged to develop a mental picture of the number system in their $222 \cdot 22 = 0$ heads to use for calculations. Higher attaining children may be able to represent their calculations using symbols and numbers within a written calculation	They begin to use - and = They are encouraged to develop a mental picture of the number system in their heads to use for calculations. Higher attaining children may be able to represent their calculations using symbols and numbers within a written calculation.	Higher attaining children may be able to represent their calculations using symbols and numbers within a written calculation.
and numbers within a written calculation.		

	ADDITION - KS1 (Years 1&2)					
	Concrete	Pictorial	Abstract			
S t a	Use part part whole model, cubes and bead strings to add two numbers together as a group or in a bar.	Use jottings to represent numbers.	Children will record their calculation using a pictorial method along with a calculation using numbers and symbols. 7			
g 1		Use pictures to add two num- bers together as a group or in a bar.	11 + 4 = 15 They may use their fingers to support their mental methods $5 + 2 = 7$			
S t a	Grouping objects to add Children will use dienes cubes to add larger numbers where regrouping is not required. They will also use a bead string to add larger numbers by	Number line Start at the larger number on the number line and count on in ones or in one jump to find the answer. Children will show their representations from the concrete method using pictures.	Children will record their calculation using a pictorial27 + 10 = 37method along with a calculation using numbers and symbols.27 + 20 = 47			
g e 2	counting in tens and ones	$7 + 2 = 9 \qquad 14 + 12 = 26$	Children will begin to add multiples of tens. $27 + \Box = 57$			





S t a g e 3	Children will add larger numbers where they will need to exchange place value counters or dienes cubes.	Children can draw a representation of the grid using larger numbers.	••• •• 7 •	1	• • 5	1	Column method - Formal method Column Method for addition to be used with more than one exchange.	+	4 3 8 1	4 7 2 1	7 6 4	8 2 0	
	Calculation Policy												
	ADDITION - Upper KS2 (Years 5 & 6)												

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	Concrete	Pictorial	Abstract					
S t a g e 1	Introduce decimal place value counters and model regrouping for addition.	Children will draw their representations showing where they have regrouped. 2.37 + 81.79 40.265 $2.37 + 81.79$ 40.265 $2.37 + 81.79$ 40.265 43.265 $1 + 20$ 40.265 43.265 $1 + 10$ $1 + 1 + 1 = 0$ $4 + 3 + 20$ $4 + 20$ 4	Column method Children will continue 3 7 9 .1 7 3 to develop their 2 0 3 .1 1 6 understanding of - 2 0 3 .1 1 6 column method - 5 8 2 .2 8 9 addition. Calculations - - - - - - - will become larger - <td< td=""></td<>					

S	Please note: Concrete apparatus and pictorial representations should still be used to support children who may be struggling with abstract concepts. Concrete apparatus should be readily available for lower achieving children and these with SEND.	Children will begin to use the bar model when problem solving. Jottings and calculations should be recorded to show their processes.	$ \begin{array}{c} 17 \\ 18 \\ 18 \\ $	Column method Children to further develop their confidence using the column method. Larger numbers, decimal places and inserting zero for place holders when decimals are different.	6 digit + 6 digit + + 7 8 1 3 + 3 7 6 2 4 5 8 2 4 0 5 8 1 1 1
t a					Numbers with 3 decimal place
a g e 2					3 7 9 .1 7 3 + 2 0 3 .1 1 6 5 8 2 .2 8 9
				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Numbers with a different number of decimal places 45.25 + 8.5 + 3.247 4 5 2 5 0 + 8 5 0 0 3 2 4 7 5 6 9 9 7

	SUBTRACTION - KS1 (Years 1&2)					
	Concrete	Pictorial	Abstract			
Stage	Taking objects away Use part whole model, cubes and bead strings to subtract two numbers together by moving objects away from the group. Image: Imag	Use jottings to represent numbers. Children will learn to cross out drawn objects to show what has been taken away. $ \begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & & $	Children will record their calculation using a pictorial method along with a calculation using numbers and symbols. 7 11 - 4 = 7They may use their fingers to support their mental methods			

Stage 2	Children will use dienes cubes to subtract larger numbers where exchanging is not required. Children will lay out the first number using the dienes cubes and then move the second number away to show the subtraction. They will also use a bead string to add larger numbers by counting in tens and ones.	Number lineChildren will begin to draw their own number lines. Start at the larger number on the number line and count back in ones or in one jump to find the answer.Numbers will get progressively larger throughout the keystage. Children will be able to subtract tens and ones using an empty number line.Children will show their representations from the concrete method using pictures.	Children will record their calculation using a pictorial method along with a calculation using numbers and symbols. 25 - 12 = 13 Children will begin to subtract multiples of tens. 25 - 10 25 - 10 = 15
Stage 3	Children will begin to use place value counters and dienes cubes to show how to exchange between units of number. They will be able to change 1 ten and exchange it for 10 ones.	Empty number line -Use an empty number line to count back in tens and then ones. -1 -1 -1 -1 -1 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	Partitioning method Children will begin to use the partitioning method. Tens and ones will be subtracted to form partial sums and then these partial sums will be added together to find the total. 47 - 23 = 24 47 - 20 = 27 27 - 3 = 24

SUBTRACTION - Lower KS2 (Years 3 & 4)



using dienes cubes and

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place value counters.



	SUBTRACTION - Upper KS2 (Years 5 & 6)					
	Concrete	Pictorial	Abstract			
Stage 1	Please note: Concrete apparatus and pictorial representations should still be used to support children who may be struggling with abstract concepts. Concrete apparatus should be readily available for lower achieving children and these with SEND.	Children can draw using place value counters showing how exchanging takes place between the units of numbers. $15,735 - 2,582 = 13,153$ $\underbrace{15,735 - 2,582 = 13,153}_{15,735 - 2,582}$ $\underbrace{15,735 - 2,582 = 13,153}_{2,5,735 - 2,582}$ $\underbrace{15,735 - 2,582 = 13,153}_{2,5,73}$ $\underbrace{115 + 17 + 17 - 0}_{2,5,73,5} = \frac{1}{2,5,8,2}$ $\underbrace{115 + 17 + 17 - 0}_{1,5,5,7,3,5} = \frac{1}{2,5,8,2}$ $\underbrace{115 + 7 + 3,5}_{2,5,8,2} = \frac{1}{2,5,8,2}$ $115 + $	Column Method 5 digit - 5 digit Children will continue to 5 li3 l develop their 5 li3 l understanding of column 6 9 7 calculations will become 2 6 8 5 4 larger. 3 7 8 4 3			
S t a g e 2	Introduce decimal place value counters and model	Children will draw their representations showing where they have exchanged.	Children will continue to develop their understanding of column method subtraction. Calculations will become larger, include decimal places and require 0 to be added as			

exchange for subtracting	5.74 - 2.25 = ?	a placeholder <mark>with more than</mark> <mark>one exchange.</mark>	6 digit - 6 digit
between units	O • Tth Hth O · Tth Hth		X X 6 9 3 7
of numbers.			- 2 6 8 5 1 4
	Exchange I tenth for I0 hundredths.		5 / 0 4 2 5
	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Numbers with 3 decimal place 3 I
	Now subtract the 5 hundredths.		7 🍾 3.798
	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		- 2 1 6 2 7 3 5 2 7 5 2 5 Numbers with a different number of
	Now subtract the 2 tenths, then the 2 ones.		decimal places
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		69.2 - 27.54 8 ¹ 1 6 %

MULTIPLICATION - KS1 (Years 1&2)

	Concrete	Pictorial	Abstract
S t g e 1	Repeated addition - Groups of multiple objects Children will count groups of the same number of objects and add them together. The children learn about grouping in practical contexts and through pictorial representations.	Children draw representations to show counting in multiples and groups. Double 4 is 8 Double 4 is 8	Children show multiplication as repeated addition. Children may provide pictorial representations to support. 3×9 3 + 3 + 3 = 9
S t g e 2	Arrays Children will be able to represent a multiplication calculation using an array and write the multiplication symbol within a number sentence. Children will also understand that multiplication can be carried out in any order (commutative). $5 \times 3 = 15$	Children draw representations to show arrays.	Children use arrays to show how to solve multiplication calculations. Children are able to show that multiplication can be done in any order (commutative).Use an array to write multiplication sentences and reinforce repeated addition. $3 \times 5 = 15$ $\boxed{\text{Use an array to write}}{\text{multiplication sentences and}}$ $5 \times 3 = 15$ $\boxed{00000}{0000}$ Introduce x sign and record as number sentence $5+5+5=15$ $7 \times 10 = 70$ $3 \times 5 = 15$ $4 \times 5 = 20$ $3 \times 5 = 15$
S t g e 3	Number line Children will understand the operation of multiplication as repeated addition on a blank number line and will use practical resources to support this. Count the groups as children are skip counting, children may use their fingers as they are skip counting.	Children will be able to use an empty number line to show multiplication as repeated addition. The use of beadsting concrete resources may be used to support conceptual understanding. 2 2 2 2 2 2 2 2 2 2	Children show multiplication as repeated addition. 5 + 5 + 5 = 15 Introduce x sign and record as number sentence $7 \times 10 = 70$





4 x 5 = 20



S 1 c c s V S 1 t c g s e u 3	oncrete materials ma onceptual understand ounters will upport. /hen multiplying by 0,100,1000 initial oncrete resources vill be used to upport nderstanding.	by be needed to support children's ding. Dienes cubes and place value Use place value equipment to multiply by 10, 100 and 1,000 by unitising. $\frac{4 \times 1 = 4 \text{ ones} = 4}{4 \times 10 = 4 \text{ tens} = 40}$	Use place value equipment to compare methods. Method I 3 2 2 5 3 2 2 5 3 2 2 5 1 2 9 0 0 1 2 9 0 0 1 2 9 0 0 1 2 2 5 1 2 9 0 0 1 2 2 9 1 2 2 9 0 0 1 2 2 9 1 2 2 9 0 0 1 2 2 9 1 2 2 9 0 0 1 2 9 0 0 1 2 2 9 1 2 9 0 0 1 2 9	The grid method may be used to show how this relates to a formal written method. Grid method will lead onto expanded method and then onto the compact short multiplication. Grid method X 30 6 4 120 24 Use known facts and unitising to multiply. $5 \times 4 = 20$ $5 \times 400 = 2,000$ $5 \times 4,000 - 20,000$
Show the link with arrays to first introduce the expanded method.		vith arrays to first introduce the nod. 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Start with long multiplication, reminding the children about lining up their numbers clearly in columns. 18 x <u>13</u> 24 (3 x 8) 30 (3 x 10)) 80 (10 x 8) <u>100</u> (10 x 10) 234

MULTIPLICATION - Upper KS2 (Years 5 & 6) Concrete Pictorial Abstract The area model reinforces their knowledge of the grid 20 Children use this model to be able to multiply two method digit by two digit numbers. × 28 × 14 = S 20 8 × 30 t 10 а g 4 e 27 × 16 = 1 26 × 32 = When multiplying decimals by This pictorial grid method will support children's Long multiplication 23 0 . Ttł S 10,100,1000 initial concrete understanding of multiplying by 10, 100, 1000. Children may wish to use 2 X 1 3 resources will be used to support separate calculations to support Th H Tth 0 а +69 (3 x 23) understanding to show how their understanding. Reinforce language of place value when exchanging can take place. 230 (10 x 23) $2.5 \times 10 = 25$ e multiplying by multiples of 10. $2.5 \times 100 = 250$ 299 Extend to 3 or 4-digit numbers $2.5 \times 1,000 = 2,500$ $0.14 \times 10 = 1.4$ 2 multiplied by a 2-digit number. Please note: Concrete apparatus and pictorial Please note: Concrete apparatus and pictorial Use column multiplication, ensuring understanding of place value at each stage. representations should still be used to support representations should still be used to support 1274 children who may be struggling with abstract children who may be struggling with abstract 3 2 concepts. Concrete apparatus should be readily concepts. Concrete apparatus should be readily 2 5,4 8 1.274 × 2 available for lower achieving children and these available for lower achieving children and these 3 8,2,2 0 1.274 × 30 e with SEND. with SEND. 1.274 × 32 4 0 7 6 8 3 $1.274 \times 32 = 40.768$

	I. 4 3
	× 6 8.58
	2 1

	DIVISION - KS1 (Years 1&2)				
	Concrete	Pictorial	Abstract		
S t g e 1	Sharing and Grouping Divide quantities into equal groups. Use cubes, counters, objects or place value counters to aid understanding.	Use pictures to share objects. Use circles rather than dots to aid counting. Share 10 into 2 equal groups How many 2s in 10? Now many 2s in 10? Develop division as repeated subtraction on a number line. How many 2s in 2 Provide the subtraction on a subtrac	Children will be able to represent a division calculation using a pictorial method and write the division within a number sentence. $10 \div 2 = 5$ Share 10 into 2 equal groups		
S t g e 2	Arrays Link division to multiplication by creating an array and thinking about the number sentences that can be created. Eg: $15 \div 3 = 5$ $5 \times 3 = 15$ $15 \div 5 = 3$ $3 \times 5 = 15$	Draw arrays to show how pictures are divided.	Children will be able to represent a division calculation using an array and write the division within a number sentence $12 \div 3 = 4$		
S	Repeated addition and subtraction	Children will understand the operation of division as	Children will be able to represent a division calculation		



	DIVISION - Lower KS2 (Years 3 & 4)				
	Concrete	Pictorial	Abstract		
S t a g e 1	Division with no remainders through sharing. Use concrete materials to share into groups. $60 \div 3 = 20$ CONCRETE / PICTORAL Base to equipment sharing grouping grouping $for tens \div 3 = 2 tens = 20$ $96 \div 3 = 32$ $96 \div 3 = 32$ $96 \div 3 = 32$	Consolidate learning from KS1 using diagrams of sharing and repeated subtraction and addition on a number line to make jumps Example without remainder. 40 + 5 Ask 'How many 5s in 40?' 5+5+5+5+5+5+5+5=8 fives 50 2 40 40 12 Concrete methods could be represented pictorially within books to show understanding.	How many groups of 6 in 24? $24 \div 6 = 4$ Abstract methods may be supported with pictorial methods within the children's books.		







Long Division - Abstract Method

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Calculations will start with tens and ones and move onto more advanced division calculations.

1. Divide.	2. Multiply & subtract.	3. Drop down the next digit.
t o 2 2) <mark>5</mark> 8	t o 2 2) <mark>5</mark> 8 - 4	t o 29 2)58 -4↓
Two goes into 5 two times, or 5 tens ÷ 2 = 2 whole tens but there is a remainder!	1 To find it, multiply 2 × 2 = 4, write that 4 under the five, and subtract to find the remainder of 1 ten.	1 8 Next, drop down the 8 of the ones next to the leftover 1 ten. You combine the remainder ten with 8 ones, and get 18.