

## Calculation Guidance

## Addition - National Curriculum

| EYFS | Number <br> - Have a deep understanding of number to 10 , including the composition of each number. <br> - Subitise (recognise quantities without counting) up to 5. <br> - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10 , including double facts. <br> Numerical Patterns <br> - Verbally count beyond 20, recognising the pattern of the counting system. <br> - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. <br> - Explore and represent patterns within numbers up to 10 , including evens and odds, double facts and how quantities can be distributed equally. |
| :---: | :---: |
| Year 1 | - read, write and interpret mathematical statements involving addition (+) and equals ( $=$ ) signs - THIS MEANS THE SAME AS - relate this to balance number sentences and scales <br> - represent and use number bonds and related subtraction facts within 20 <br> - add one-digit and two-digit numbers to 20, including zero <br> - solve one-step problems that involve addition, using concrete objects and pictorial representations, and missing number problems such as $9=\square+7$. |
| Year 2 | - solve problems with addition: <br> - using concrete objects and pictorial representations, including those involving numbers, quantities and measures <br> - applying their increasing knowledge of mental and written methods <br> - recall and use addition facts to 20 fluently, and derive and use related facts up to 100 <br> - add numbers using concrete objects, pictorial representations, and mentally, including: <br> - a two-digit number and ones <br> - a two-digit number and tens <br> - two two-digit numbers <br> - adding three one-digit numbers <br> - show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot <br> - recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems |
| Year 3 | - add numbers mentally, including: <br> - a three-digit number and ones <br> - a three-digit number and tens <br> - a three-digit number and hundreds <br> - add numbers with up to three digits, using formal written methods of columnar addition <br> - estimate the answer to a calculation and use inverse operations to check answers <br> - solve problems, including missing number problems, using number facts, place value, and more complex addition. |
| Year 4 | - add with up to 4 digits using the formal written methods of columnar addition where appropriate |


|  | - estimate and use inverse operations to check answers to a calculation <br> • solve addition two-step problems in contexts, deciding which operations and methods to use and why. |
| :---: | :--- |
| Year 5 | • add whole numbers with more than 4 digits, including using formal written methods (columnar addition) <br> - add numbers mentally with increasingly large numbers <br> - use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy <br> - solve addition multi-step problems in contexts, deciding which operations and methods to use and why. |
| $\underline{\text { Year 6 }}$ | - solve addition multi-step problems in contexts, deciding which operations and methods to use and why |

## Addition





KS1 Addition Facts - These should be regularly practiced by the children in order to achieve automatic recall.

| Adding I | Bonds to 10 | Adding 10 | Bridging/compensating | , |
| :---: | :---: | :---: | :---: | :---: |
| Adding 2 | Adding 0 | Doubles | Near doubles | $\square$ facts |


| + | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | $0+0$ | $0+1$ | $0+2$ | $0+3$ | $0+4$ | $0+5$ | $0+6$ | $0+7$ | $0+8$ | $0+9$ | $0+10$ |
| 1 | $1+0$ | $I+1$ | $1+2$ | $1+3$ | $1+4$ | $1+5$ | $1+6$ | $1+7$ | $1+8$ | $1+9$ | $1+10$ |
| 2 | $2+0$ | $2+1$ | $2+2$ | $2+3$ | $2+4$ | $2+5$ | $2+6$ | $2+7$ | $2+8$ | $2+9$ | $2+10$ |
| 3 | $3+0$ | $3+1$ | $3+2$ | $3+3$ | $3+4$ | $3+5$ | $3+6$ | $3+7$ | $3+8$ | $3+9$ | $3+10$ |
| 4 | $4+0$ | $4+1$ | $4+2$ | $4+3$ | $4+4$ | $4+5$ | $4+6$ | $4+7$ | $4+8$ | $4+9$ | $4+10$ |
| 5 | $5+0$ | $5+1$ | $5+2$ | $5+3$ | $5+4$ | $5+5$ | $5+6$ | $5+7$ | $5+8$ | $5+9$ | $5+10$ |
| 6 | $6+0$ | $6+1$ | $6+2$ | $6+3$ | $6+4$ | $6+5$ | $6+6$ | $6+7$ | $6+8$ | $6+9$ | $6+10$ |
| 7 | $7+0$ | $7+1$ | $7+2$ | $7+3$ | $7+4$ | $7+5$ | $7+6$ | $7+7$ | $7+8$ | $7+9$ | $7+10$ |
| 8 | $8+0$ | $8+1$ | $8+2$ | $8+3$ | $8+4$ | $8+5$ | $8+6$ | $8+7$ | $8+8$ | $8+9$ | $8+10$ |
| 9 | $9+0$ | $9+1$ | $9+2$ | $9+3$ | $9+4$ | $9+5$ | $9+6$ | $9+7$ | $9+8$ | $9+9$ | $9+10$ |
| 10 | $10+0$ | $10+1$ | $10+2$ | $10+3$ | $10+4$ | $10+5$ | $10+6$ | $10+7$ | $10+8$ | $10+9$ | $10+10$ |


| Stem sentences | Concrete (Can we make it?) | Pictorial (Can we dravk it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
| I know that $\qquad$ _ plus $\qquad$ is equal to $\qquad$ . (single-digit addends) So $\qquad$ tens plus $\qquad$ tens is equal to $\qquad$ tens. (multiple-of-ten addends) $\qquad$ plus $\qquad$ is equal to one hundred and _. $\qquad$ <br> Year 3 |  <br> tens $70+50=120$ | $\begin{aligned} & 70+50= \\ & 70+30=100 \\ & 100+20=120 \end{aligned}$ |  |
| I know that $\qquad$ plus $\qquad$ is equal to $\qquad$ (single-digit addends) So $\qquad$ tens plus $\qquad$ tens is equal to $\qquad$ tens. (multiple-of-ten addends) $\qquad$ is equal to one hundred and __. <br> Year 3 | $87+30=110+7=117$ | $\begin{aligned} 87+30 & =80+30+7 \\ & =110+7 \\ & =117 \end{aligned}$ | $\begin{aligned} 87+30 & =80+7+30 \\ & =110+7 \\ & =117 \end{aligned}$ |
| First we add: $\qquad$ plus $\qquad$ is equal to $\qquad$ <br> ... then we adjust: $\qquad$ minus $\qquad$ is equal to $\qquad$ <br> Year 3 |  | $\begin{aligned} & 520+299= \\ & 520+300=820 \\ & 820-1=819 \end{aligned}$ | $\begin{aligned} & \mathbf{6 9}+\mathbf{6 9}=138 \\ & 70+70=140 \end{aligned}$ |



| If the column sum is equal to ten or more, we must exchange. <br> Year 4 | See Year 3/4 examples | See Year 3/4 examples |  |
| :---: | :---: | :---: | :---: |
| If the column sum is equal to ten or more, we must exchange. <br> Years 5 and 6 | See Year 3 examples | See Year 3/4 examples | As in Year 4 but using numbers with more than 4 digits, adding more than two numbers and adding decimal numbers. $\begin{gathered} 43432 \\ +25648 \\ \frac{31234}{100314} \\ \hline 111111 \end{gathered}$ |

Addition - Key mental strategies for Key Stage 2

| Strategy | Concrete (Can we make it?) | Pictorial (Can we draw it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
| Bridging through a multiple of 10,100 , etc Years 3, 4, 5 and 6 |  | $\begin{aligned} & 7+5= \\ & 7+3=10 \\ & 10+2=12 \end{aligned}$ |  |
| Compensating - rounding to the nearest multiple 10, 100, etc and adjusting <br> Years 3, 4, 5 and 6 | $35+49=34+50=84$ | $\begin{aligned} & 520+299= \\ & 520+300=820 \\ & 820-1=819 \end{aligned}$ | $\begin{aligned} & \mathbf{6 9 + 6 9}=138 \\ & 70+70=140 \end{aligned}$ |

## Subtraction - National Curriculum

| EYFS | Number <br> - Have a deep understanding of number to 10 , including the composition of each number. <br> - Subitise (recognise quantities without counting) up to 5. <br> - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. <br> Numerical Patterns <br> - Verbally count beyond 20, recognising the pattern of the counting system. <br> - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. <br> - Explore and represent patterns within numbers up to 10 , including evens and odds, double facts and how quantities can be distributed equally. |
| :---: | :---: |
| Year 1 | - read, write and interpret mathematical statements involving subtraction (-) and equals (=) signs <br> - represent and use number bonds and related subtraction facts within 20 <br> - subtract one-digit and two-digit numbers to 20, including zero <br> - solve one-step problems that involve subtraction, using concrete objects and pictorial representations, and missing number problems such as $9=\square-7$. |
| Year 2 | - solve problems with subtraction: <br> - using concrete objects and pictorial representations, including those involving numbers, quantities and measures <br> - applying their increasing knowledge of mental and written methods <br> - recall and use subtraction facts to 20 fluently, and derive and use related facts up to 100 <br> - subtract numbers using concrete objects, pictorial representations, and mentally, including: <br> - a two-digit number and ones <br> - a two-digit number and tens <br> - two two-digit numbers <br> - subtracting three one-digit numbers <br> - show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot <br> - recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems |
| Year 3 | - subtract numbers mentally, including: <br> - a three-digit number and ones <br> - a three-digit number and tens <br> - a three-digit number and hundreds <br> - a three-digit number and thousands <br> - subtract numbers with up to three digits, using formal written methods of columnar subtraction <br> - estimate the answer to a calculation and use inverse operations to check answers <br> - solve problems, including missing number problems, using number facts, place value, and more complex subtraction. |
| Year 4 | - subtract with up to 4 digits using the formal written methods of columnar subtraction where appropriate |


|  | - estimate and use inverse operations to check answers to a calculation <br> • solve subtraction two-step problems in contexts, deciding which operations and methods to use and why. |
| :---: | :--- |
| Year 5 | • subtract whole numbers with more than 4 digits, including using formal written methods (columnar subtraction) <br> • subtract numbers mentally with increasingly large numbers <br> - use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy <br> - solve subtraction multi-step problems in contexts, deciding which operations and methods to use and why. |
| $\underline{\text { Year 6 }}$ | • solve subtraction multi-step problems in contexts, deciding which operations and methods to use and why |

Subtraction

| Stem sentences | Concrete (Can we make it?) | Pictorial (Can we draw it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
|  | I have 8 counters. 5 counters are red. How many are blue? | There are 6 children. 2 have their coat on. How many do not have their coat on? | There are 8 flowers. 2 are red and the rest are yellow. How many are yellow? $8-2=6$ |
| First... Then... Now... <br> e.g. First there were 4 children in the car, then 1 child got out. Now there are 3 children in the car. <br> Year R/1 | Role play 'getting out of a car'. |  |  |
| We partition the $\qquad$ int __ $\qquad$ and $\qquad$ First we subtract the $\qquad$ from $\qquad$ t o get to 10 . Then we subtract the remaining $\qquad$ from 10. We know 10 minus $\qquad$ is equal to $\qquad$ <br> Year 2 | $\begin{aligned} & 12-4= \\ & 12-2=10 \\ & 10-2=8 \end{aligned}$ <br> 12 - | First there were 12 children on the ride. Then 4 got off. Now there are 8 children on the ride. | $\begin{aligned} & 12-4= \\ & 12-2=10 \\ & 10-2=4 \end{aligned}$ |
| There are more $\qquad$ than $\qquad$ <br> There are fewer __ than $\qquad$ _. $\qquad$ <br> The difference between $\qquad$ and $\qquad$ is $\qquad$ <br> Year 2 | The difference between 2 and 5 is 3 . The difference between 5 and 2 is 3 . | The difference between 4 and 7 is 3 . The difference between 7 and 4 is 3 . | 5 red cars <br> 3 blue cars $5-3=2$ |


| I know that $\qquad$ minus $\qquad$ is equal to $\qquad$ (single-digit fact) <br> So $\qquad$ minus $\qquad$ is equal to $\qquad$ . (related twodigit minus single digit fact) <br> I know that ten minus $\qquad$ is equal to $\qquad$ so $\qquad$ minus $\qquad$ is equal to $\qquad$ <br> Year 2 |  |  |  |
| :---: | :---: | :---: | :---: |
| I know that $\qquad$ minus $\qquad$ is equal to $\qquad$ So $\qquad$ tens minus $\qquad$ tens is equal to $\qquad$ tens. <br> Year 2 | $70-30=40 \text { so } 75-30=45$ |  | $5-3=2$ <br> 5 tens -3 tens $=2$ tens $50-30=20$ |
| First I subtract the tens, then I subtract the ones. <br> Year 2 | $\begin{aligned} & 45-23= \\ & 45-20=25 \\ & 25-3=22 \end{aligned}$ | $67-34=33$ | $45-23=22$ |
| First I subtract the tens, then I subtract the ones. <br> Year 2 |  | $62-34=28$ | $63-17=46$ |


| I know that $\qquad$ minus $\qquad$ is equal to $\qquad$ (bridging ten) <br> So $\qquad$ tens minus $\qquad$ tens is equal to $\qquad$ tens. (bridging ten tens) <br> One hundred and $\qquad$ minus $\qquad$ is equal to $\qquad$ Year 3 | See Year 2 (bridging) | $\begin{aligned} & 120-30= \\ & 120-20=100 \\ & 100-10=90 \end{aligned}$ | $\begin{gathered} 120 \cdot-30=90 \\ 100 \\ 120-30= \\ 120-20=100 \\ 100-10=90 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| I know that $\qquad$ minus $\qquad$ is equal to $\qquad$ (bridging ten) <br> So $\qquad$ tens minus $\qquad$ tens is equal to $\qquad$ tens. (bridging ten tens) <br> One hundred and $\qquad$ minus $\qquad$ is equal to $\qquad$ Year 3 | $\longrightarrow$ $126-70=56$ | $\underbrace{56}_{-70}$ | $\begin{aligned} & \\ 126-70 & =120-70+6 \\ & =50+6 \\ & =56 \end{aligned}$ |
| We partition the $\qquad$ into $\qquad$ and _. First we subtract the $\qquad$ from $\qquad$ to get to a multiple of 10 . Then we subtract the remaining $\qquad$ fro rom the multiple of 10 . We know 10 minus $\qquad$ is equal to $\qquad$ _so $\qquad$ minus $\qquad$ is equal to $\qquad$ <br> Year 3 |  | 544-16 | Count back to multiples of 10/100 |
| We partition the $\qquad$ into $\square$ and $\qquad$ <br> First we add the $\qquad$ to $\qquad$ to get to 100 . Then we add the remaining $\qquad$ to 100. We know 100 plus $\qquad$ is equal to -. $\qquad$ <br> Year 3 |  | $123-97=26$ | Count on to multiples of 10/100 |



| If there is an insufficient number to subtract from in a given column, we must exchange from the column to the left. <br> Year 4 | See Year previous examples | See previous examples |  |
| :---: | :---: | :---: | :---: |
| If there is an insufficient number to subtract from in a given column, we must exchange from the column to the left. <br> Years 5 and 6 | See Year 3/4 examples | See Year 3/4 examples | As in Year 4 but using numbers with more than 4 digits <br> Using numbers with decimals. <br> Using multiple exchanges across 0 . $\begin{gathered} \begin{array}{r} 20008-2518= \\ 199990 \\ 200108 \\ -\quad 2518 \\ -\quad 17490 \\ \hline 1749 \end{array} \end{gathered}$ |

Subtraction - Key mental strategies for Key Stage 2

| Strategy | Concrete (Can we make it?) | Pictorial (Can we draw it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
| Bridging through a multiple of 10, 100, etc Years 3, 4, 5 and 6 |  | $\begin{aligned} & 120-30= \\ & 120-20=100 \\ & 100-10=90 \end{aligned}$ |  |
| Compensating - rounding to the nearest multiple 10, 100, etc and adjusting <br> Years 3, 4, 5 and 6 | $152-29$ |  | $\begin{aligned} & 152-30=122 \\ & 122+1=123 \end{aligned}$ |


| EYFS |  |
| :---: | :---: |
| Year 1 | - solve one-step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. |
| Year 2 | - recall and use multiplication facts for the 2,5 and 10 multiplication tables, including recognising odd and even numbers <br> - calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication ( $\times$ ) and equals (=) <br> signs <br> - show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot <br> - solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. |
| Year 3 | - recall and use multiplication facts for the 3,4 and 8 multiplication tables <br> - write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one- <br> digit numbers, using mental and progressing to written methods <br> - solve problems involving missing number problems involving multiplication including positive number scaling problems and correspondence problems where <br> n objects are connected to m objects. |
| Year 4 | - recall and use multiplication facts for multiplication tables up to $12 \times 12$ <br> - use place value, known and derived facts to multiply mentally, including: $x 0 \times 1$ and multiplying together three numbers <br> - recognise and use factor pairs and commutativity in mental calculations <br> - multiply two-digit and three-digit numbers by a one-digit number using formal written layout <br> - solve problems involving multiplying, including the distributive law to multiply two-digit numbers by one-digit including positive number scaling problems and correspondence problems where n objects are connected to m objects. |
| Year 5 | - identify multiples and factors: all factor pairs of a number, common factors of two numbers, establish whether a number up to 100 is prime and recall prime numbers up to 19 <br> - multiply numbers up to four digits by a one- or two-digit number using a formal written method <br> - multiply whole numbers and those involving decimals by 10,100 and 1000. |
| Year 6 | - identify multi-digit numbers up to 4 digits by a two-digit number using formal, long multiplication <br> - identify common factors, common multiples and common prime numbers <br> - use their knowledge of the order of operations to carry out calculations involving the four operations |

Multiplication

| Stem sentences | Concrete (Can we make it?) | Pictorial (Can we draw it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
| One group of two, two groups of two, three groups of $2, \ldots$ <br> Ten, twenty, thirty, ... <br> One five, two fives, three fives, ... <br> Year R/1 |  | $\begin{array}{l\|l\|l\|l\|l\|l\|l\|l\|l\|c\|c\|c\|c\|c\|c\|c\|} \hline & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid & \mid \\ \hline \end{array}$ | 10, 20, 30, ... |
| There are $\qquad$ coins. <br> Each coin has a value of p. $\qquad$ <br> This is $\qquad$ p. <br> Year 1 | Representing each group by one object |  | Five $2 p$ coins $=10 p$ |
| There are $\qquad$ in each group. <br> There are $\qquad$ groups. <br> There are $\qquad$ in a group and $\qquad$ groups. <br> Year 2 |  | 5 5 5 | $\begin{aligned} & 2+2+2+2=8 \\ & 2 \times 4=8 \\ & 5+5+5=15 \\ & 5 \times 3=15 \end{aligned}$ |
| Factor times factor is equal to the product. The product is equal to factor times factor. <br> Year 2 | Unitising equal groups - representing each group by one object |  | $\begin{aligned} & 2 \times 3=6 \\ & 6=2 \times 3 \end{aligned}$ |
| $\qquad$ times $\qquad$ can represent $\qquad$ in a group and groups. <br> It can also represent $\qquad$ groups of _. $\qquad$ <br> Multiplication is commutative. <br> Year 2 |  |   | $2 \times 5=5 \times 2$ |








Multiplication - Key mental strategies for Key Stage 2

| Strategy |
| :--- | :--- | :--- | :--- |
| Adjacent multiples of _ have a difference of |
| _ |



| Products in the 10 times table can be used to find products in the 9 times table. <br> (NCETM Year 3 unit 2.8) <br> Year 4 onwards |  |  |  |  | $9 \times 4=10 \times 4-1 \times 4$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Products in the 10 times table can be used to find products in the 11 times table and 12 times table. <br> Year 4 onwards |  | 3 | 30 | 6 | $\begin{aligned} 12 \times 3 & =10 \times 3+2 \times 3 \\ & =30+6 \\ & =36 \end{aligned}$ |


| EYFS |  |
| :---: | :---: |
| Year 1 | - solve one-step problems involving division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. |
| Year 2 | - recall and use multiplication and division facts for the $2,3,5$ and 10 multiplication tables, including recognising odd and even numbers <br> - calculate mathematical statements for division within the multiplication tables and write them using the signs $\div$ and $=$ <br> - show that multiplication of two numbers is commutative but division is not <br> - solve problems involving division using materials, arrays, repeated addition, mental methods and division facts, including problems in contexts. |
| Year 3 | - recall and use multiplication and division facts for the 3,4 and $8 \times$ tables <br> - write and calculate mathematical statements for division using the multiplication tables they know, including 2-digit divided by 1-digit using mental and progressing to formal written methods <br> - solve problems, involving missing number problems, involving division, including positive number scaling problems and correspondence problems where $n$ objects are connected to m objects <br> *Non statutory division 2 digit by 1 digit |
| Year 4 | - recall multiplication and division facts up to $12 \times 12$ <br> - use place value, known and derived facts to divide mentally, including dividing by 1 <br> - solve problems involving dividing a three-digit number by one-digit and number using a formal layout |
| Year 5 | - identify multiples and factors, including finding all factor pairs of a number, common factors of two numbers, know and use the vocabulary of prime numbers and establish whether a number up to 100 is prime <br> - multiply and divide numbers mentally drawing on known facts <br> - divide numbers up to 4 digits by a one-digit number using a written method and interpret remainders appropriately for the context <br> - divide whole numbers and those involving decimals by 10,100 and 1000. |
| Year 6 | - divide numbers up to 4 digits by a two-digit number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context. <br> - divide numbers up to 4 digits by a two-digit number using the formal written method of short division as appropriate. |

Division

| Stem sentences | Concrete (Can we make it?) | Pictorial (Can we draw it?) | Abstract (Can we write the equation?) |
| :---: | :---: | :---: | :---: |
| One group of two, two groups of two, three groups of $2, \ldots$ <br> Ten, twenty, thirty, ... <br> One five, two fives, three fives, ... <br> Year R/1 |  |  | 6 biscuits shared between 2 children gives 3 biscuits each. |
| The $\qquad$ costs p. $\qquad$ <br> Each coin has a value of $\qquad$ p. <br> So I need $\qquad$ coins. <br> Year 1 |  |  | Five $2 p$ coins $=10 p$ |
| $\qquad$ is divided into groups of $\qquad$ <br> There are $\qquad$ groups. <br> We can skip count using the divisor to find the quotient. <br> Year 2 |  |  | $\begin{aligned} & 5+5+5=15 \\ & 15 \div 5=3 \end{aligned}$ |
| $\qquad$ divided between $\qquad$ is equal to $\qquad$ each. <br> We can skip count using the divisor to find the quotient. <br> Year 2 |  |  | One 5 is 1 each. That's 5. Two 5 s is 2 each. That's 10 . $10 \div 5=2$ |



$1 f$ dividing the tens gives a remainder of one
or more tens, we must exchange the
remaining tens for ones.
Year 4

If there is a multiplicative change to the
dividend factor and a corresponding change
to the divisor, the quotient remains the
same.
If I multiply the dividend by $\quad$, I must
multiply the divisor by __ for the quotient to
remain the same.
Year $\mathbf{5}$ and $\mathbf{6}$


