

<b>Place Value</b>											
Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths	Ten-thousandths	Hundred-thousandths
100,000	10,000	1,000	100	10	1		0.1	0.01	0.001	0.0001	0.00001

<b>Multiplying and Dividing by Powers of 10</b>	<b>Instruction</b>
	HM: 13-16
Multiply by 10	Digits move 1 place to left
Multiply by 100	Digits move 2 places to left
Multiply by 1000	Digits move 3 places to left
Divide by 10	Digits move 1 place to right
Divide by 100	Digits move 2 places to right
Divide by 1000	Digits move 3 places to right

<b>Law</b>	<b>Definition</b>	<b>Example</b>
Commutative HM: 7	Numbers can be added or multiplied in any order	$3 + 2 = 2 + 3$ $5 \times 4 = 4 \times 5$
Associative HM: 8	No matter how the numbers are grouped when adding or multiplying, the answer will be the same	$(1 + 2) + 3 = 1 + (2 + 3)$ $(1 \times 2) \times 3 = 1 \times (2 \times 3)$

<b>Word</b>	<b>Definition</b>
Integer	A whole number
Decimal	A number containing a decimal point
Ascending	Smallest to largest
Descending	Largest to smallest

<b>7 x Table</b>	
$1 \times 7 =$	7
$2 \times 7 =$	14
$3 \times 7 =$	21
$4 \times 7 =$	28
$5 \times 7 =$	35
$6 \times 7 =$	42
$7 \times 7 =$	49
$8 \times 7 =$	56
$9 \times 7 =$	63
$10 \times 7 =$	70
$11 \times 7 =$	77
$12 \times 7 =$	84

<b>8 x Table</b>	
$1 \times 8 =$	8
$2 \times 8 =$	16
$3 \times 8 =$	24
$4 \times 8 =$	32
$5 \times 8 =$	40
$6 \times 8 =$	48
$7 \times 8 =$	56
$8 \times 8 =$	64
$9 \times 8 =$	72
$10 \times 8 =$	80
$11 \times 8 =$	88
$12 \times 8 =$	96

<b>12 x Table</b>	
$1 \times 12 =$	12
$2 \times 12 =$	24
$3 \times 12 =$	36
$4 \times 12 =$	48
$5 \times 12 =$	60
$6 \times 12 =$	72
$7 \times 12 =$	84
$8 \times 12 =$	96
$9 \times 12 =$	108
$10 \times 12 =$	120
$11 \times 12 =$	132
$12 \times 12 =$	144

<b>Word</b>	<b>Definition</b>
Sum	To add up
Total	To add up
Difference	To subtract
Product	To multiply
Quotient	To divide

<b>Word</b>	<b>Definition</b>
Remainder	The number that is left over after dividing
Multiple	A number in another numbers times table
Factor	A number that divides exactly into another number
Prime number	A number with exactly two factors
LCM	Lowest common multiple
HCF	Highest common factor
Perimeter	The distance around the outside of a 2D object
>	Greater than
<	Less than
=	Equal to
Estimate	An approximate calculation; round everything to 1sf
Evaluate	Work out the value of