

Short multiplication

When multiplying by a 1-digit number, firstly make sure to align the place values correctly, then multiply the 1-digit number by each of the digits working from right (smallest place value) to left (largest place value).

	2	7	4	1	
×					6
1	6	4	4	6	
	4	2			

Addition

Add
More
Plus
Make
Sum
Total
Altogether

Subtraction

Subtract
Minus
Leave
Less
Take away
Difference between

Multiplication

Lots of
Times
Multiply
Groups of
Product
Multiplied by
Multiple of
Repeated addition

Division

Divide
Divided by
Divided into
Share
Share equally
Equal groups of

Formal written methods – four operations

Column addition

Ensure place values are lined up correctly and that you work from the right (the smallest place value) to the left (the biggest place value).

	5	6	2	1	7
+		3	9	5	8
	6	0	1	7	5
	1	1		1	

Column subtraction

Ensure place values are lined up correctly and that you work from right to left, subtracting from the top each time.

	4 ³	3 ¹	7 ⁶	3 ¹²	5 ¹
-		9	1	8	6
	3	6	5	4	9

Long division

This method is the same as short division but expanded in order to clearly calculate the remainders for each part of the method.

432 ÷ 15 becomes

			2	8	.	8
1	5)	4	3	2	.0
			3	0		
			1	3	2	
			1	2	0	
				1	2	0
						0

Answer: 28.8

