

1 6.1 1.2 1

LO: to add two 3-digit numbers, not crossing 10 or 100.

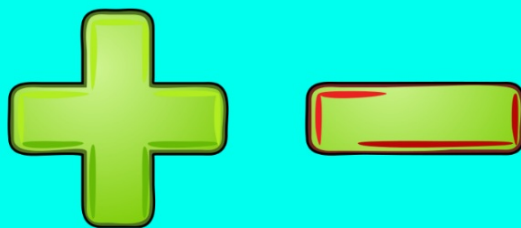
I know how to set out the column method for addition.

I can use column addition to solve problems.

I understand what the problem is asking me to do.

In maths, we are learning about...

**ADDITION
AND
SUBTRACTION**



Flashback 4

Year 3 | Week 6 | Day 5

$$10 \times 2$$

- 1) Subtract 38 from 513
- 2) There are 750 sweets in a box.
400 sweets are removed.
How many sweets are in the box now?
- 3) Complete the missing number.
 $782 + \underline{\quad} = 786$
- 4) Divide 15 by 5



Watch the video - link on the timetable.

1 Complete the column addition.

Use base 10 to help you.

	H	T	O
	4	5	3
+	1	2	5
<hr/>			
<hr/>			

2 Kim uses counters and a place value chart to help her work out $362 + 205$

	Hundreds	Tens	Ones
	●●●●	●●●●●	●●
+			

	H	T	O
	3	6	2
+	2	0	5
<hr/>			
<hr/>			

- Draw counters to complete the chart.
- Complete the column addition.
- Which column did you add first? Talk to a partner about your method.

3 Mrs Morgan drives 230 km on Monday.
On Tuesday she drives 169 km.
How far does she drive in total on Monday and Tuesday?

5 Work out the additions.
a) $736 + 203$ b) $184 + 105$ c) $£391 + £505$

6 The table shows the number of boys and girls in two schools.

	Boys	Girls
School A	224	305
School B	400	

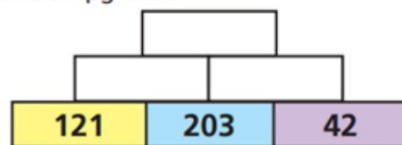
- a) The total number of children in each school is equal.
Without working it out, which school has more girls?
How do you know?
- b) How many girls are there in school B?

8

Here is an addition pyramid.

Add the two numbers below to make the number above.

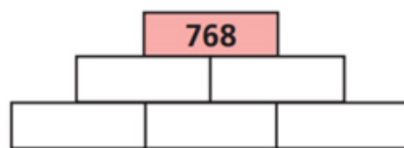
a) Complete the addition pyramid.



b) Complete the addition pyramid.

None of the additions should have an exchange.

The total is 768



Extension

Jack is calculating $506 + 243$

Here is his working out.

		5	6
+	2	4	3
	2	9	9

Can you spot Jack's mistake?
Work out the correct answer.

Here are three digit cards.



Alex and Teddy are making 3-digit numbers using each card once.



Alex

I have made the greatest possible number.



Teddy

I have made the smallest possible number.

Work out the total of their two numbers.

True or False ?

Add two 3-digit numbers - not crossing
10 or 100

The calculation can be completed using the digit cards, 5 and 1

	?	3	4
+	3	?	?
	8	8	?

5 1

1 7 . 1 1 . 2 1

ARITHMETIC

LO: to add two 3-digit numbers, crossing 10 or 100.

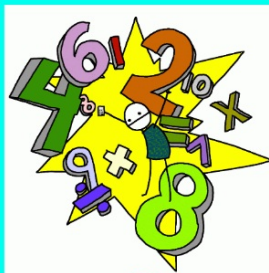
I know how to set out the written column method for subtraction.

I can exchange when I do not have enough ones or tens.

I understand the need for neat working out.

On Fridays, we practise...

ARITHMETIC



Watch the
video -
link on the
timetable.

1. a) $325 + 127$
b) $372 + 144$

2. a) $238 + 141$
b) $427 + 268$
c) $308 + 151$

3. a) $187\text{kg} + 471\text{kg}$
b) $517\text{m} + 234\text{m}$
c) $\text{£}718 + \text{£}108$
d) $526\text{g} + 294\text{g}$

Fill in the missing digits.

a)

	H	T	O	
	3		2	
+	4	5		
		3	7	

c)

	H	T	O	
	2	7	8	
+	2	5		
			0	

b)

	H	T	O	
	1	0	9	
+		2		
	5		5	

d)

	Th	H	T	O	
		5	7	3	
+					
	1	0	0	0	

7

Dexter bakes 148 biscuits on Monday.

On Tuesday he bakes 273 more biscuits than he did on Monday.

a) How many biscuits does Dexter bake on Tuesday?

b) How many biscuits does he bake in total on Monday and Tuesday?

8

Write two addition calculations that have:

- 1 exchange
- 2 exchanges.

Compare answers with a partner.

Extension

Roll a 1 to 6 die.

Fill in a box each time you roll.

$$\square\square\square + \square\square\square =$$

Can you make the total:

- An odd number
- An even number
- A multiple of 5
- The greatest possible number
- The smallest possible number

True or False ?

Add two 3-digit numbers - crossing 10 or 100

The bar model shows the same calculation as the number line.

