



Week 9 Year 3 Maths

Addition and Subtraction

Monday Lesson 1- Add and Subtract 2-digit and 3-digit numbers - not crossing 100

- ▶ Here is the link to today's video. This link will take you directly to the video that you need for today's lesson.
- ▶ <https://vimeo.com/417332039>

Add and subtract 2-digit and 3-digit numbers – not crossing 10 or 100

1 Work out the additions.

a)

Hundreds	Tens	Ones

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

b)

H	T	O

	H	T	O
	3	0	7
+		4	2
<hr/>			

c)

	H	T	O
	2	3	7
+		5	1
<hr/>			

d)

	H	T	O
	7	5	2
+		3	7
<hr/>			

2 Work out these subtractions.

a)

H	T	O

	H	T	O
	4	2	7
-		1	5
<hr/>			

b)

H	T	O

	H	T	O
	5	3	6
-		3	5
<hr/>			

c)

	H	T	O
	7	8	5
-		5	2
<hr/>			

d)

	H	T	O
	9	8	5
-		7	2
<hr/>			

3 Complete the additions.

a) £69 + £220 = £

b) 314 + 42 + 23 =

- 4 a) Eva uses a number line to work out $312 + 37$



What has Eva done? Talk to a partner.

- b) Use the number line to work out $425 + 63$



- c) Use the number line to work out $774 - 62$



- 5 Esther has a piece of wood 255 cm long.
She cuts it into 2 pieces.



One piece is 34 cm long.

How long is the other piece?

- 6 Filip wants to buy these two items.



He has £200

Does he have enough money? _____

How do you know? Talk to a partner.

- 7 Use the digit cards to make each calculation correct.



	H	T	O
+			
	9	9	8

	H	T	O
+			
	9	8	9

	H	T	O
-			
	1	6	1

	H	T	O
-			
	6	2	2

Tuesday Lesson 2- Add 2-digit and 3-digit numbers crossing 10 and 100.

- ▶ Here is the link to todays video.
- ▶ <https://vimeo.com/417332285>

Add 2-digit and 3-digit numbers – crossing 10 or 100

1 Use the place value chart to work out $328 + 36$

H	T	O

	H	T	O
	3	2	8
+		3	6
<hr/>			

2 Work out the additions.

a) $572 + 45$

H	T	O

	H	T	O
	5	7	2
+		4	5
<hr/>			

+

H	T	O

	H	T	O
	3	2	8
+		3	6
<hr/>			

3 Work out the additions.

a)

	H	T	O
	1	7	5
+		7	2
<hr/>			

d) $845 + 72$

	H	T	O

b)

	H	T	O
	3	0	7
+		8	4
<hr/>			

e) $436 + 85$

	H	T	O

c) $35 \text{ kg} + 239 \text{ kg}$

	H	T	O

f) $£739 + £68$

	H	T	O

Wednesday Lesson 3- Subtracting 2-digit numbers from 3-digit numbers crossing 10 and 100.

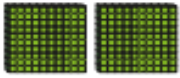


- ▶ Here is the link to todays video.

- ▶ <https://vimeo.com/417332443>

Subtract 2-digit numbers from 3-digit numbers – crossing 10 or 100

1 Use base 10 to make the number 253

Subtract 27 from 253




Hundreds	Tens	Ones
		

a) Show a partner the method you used.

b) Complete the column subtraction.

	H	T	O
	2	5	3
-		2	7
<hr/>			

2 Work out $426 - 82$

H	T	O
		

	H	T	O
	4	2	6
-		8	2
<hr/>			



3 Work out the subtractions.

a)

	H	T	O
	2	6	5
-		3	8
<hr/>			

d) $212 \text{ cm} - 42 \text{ cm}$

b)

	H	T	O
	1	7	2
-		3	9
<hr/>			

e) $413 - 65$

c) $538 - 75$

f) $847 - 79$

- 4 A film is shown 3 times in a day.

The table shows how many children watch each showing.

Showing time	11 am	3 pm	7 pm
Number of children	462	295	78

How many more children watch the 11 am showing than the 7 pm showing?

- 5 Find the missing values.

a)

728	
45	

b)

650		
38	53	

- 6 What mistakes have been made in these column subtractions?

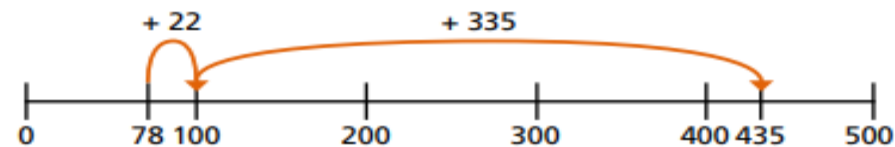
a)

	3	5	7
-		2	9
	<u>3</u>	<u>3</u>	<u>2</u>

b)

	⁴ 4	¹ 0	¹ 2
-		3	5
	<u>4</u>	<u>7</u>	<u>7</u>

- 7 Whitney uses a number line to show that $435 - 78 = 357$



Explain what you think Whitney has done.

- 8 Work out the missing digits.

a)

		H	T	O
			4	5
	-		2	
		7		6

b)

		H	T	O
		3		
	-		7	8
			2	8

- 9 a) Use three different methods to work out $470 - 79$

Compare methods with a partner.

- b) How can you work out $500 - 68$ in your head?

What method did you use?

Thursday Lesson 4- Add two 3-digit numbers - not crossing 10 or 100

- ▶ Here is the link to todays video.
- ▶ <https://vimeo.com/417332649>

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

- 1 Complete the column addition.
Use base 10 to help you.

Hundreds	Tens	Ones

	H	T	O
	4	5	3
+	1	2	5

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

Hundreds	Tens	Ones

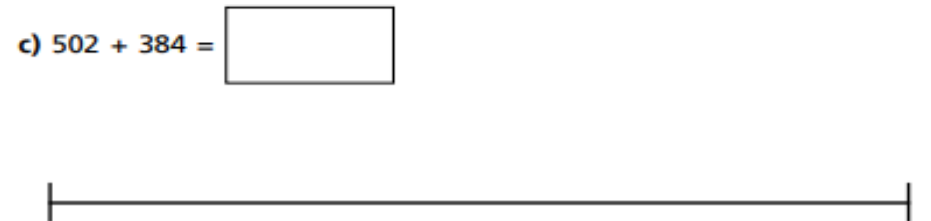
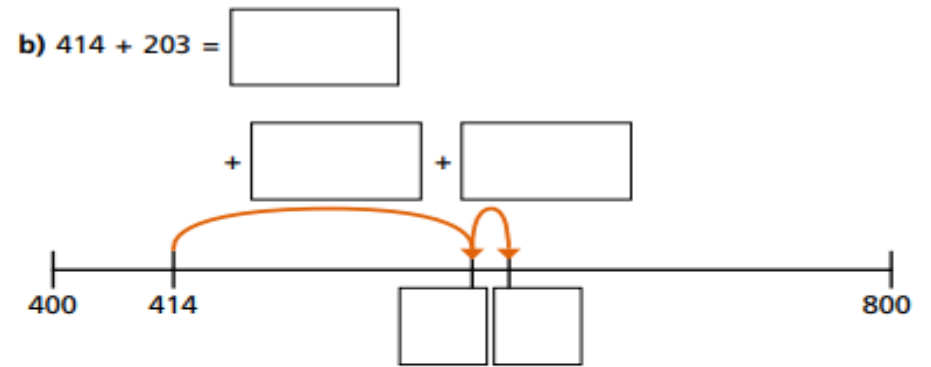
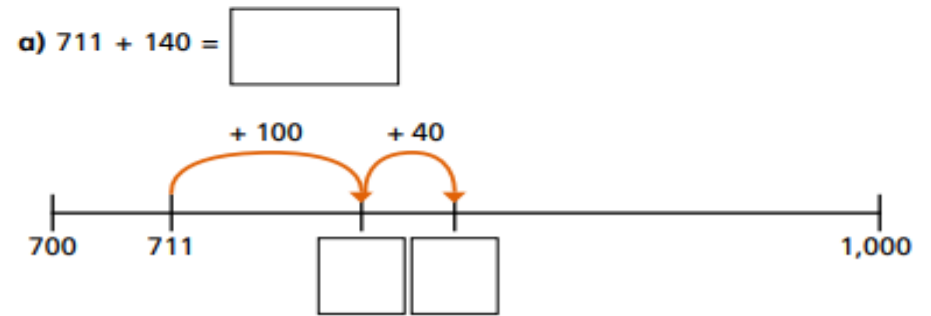
	H	T	O
	3	6	2
+	2	0	5

- 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?

- 4 Complete the number line to work out the addition.



5 Complete the additions.

a) $736 + 203 =$

c) $£391 + £505 =$

b) $184 + 105 =$

6 The table shows the number of boys and girls in 2 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 the most girls?

How do you know?

b) How many girls are there in school B?



7 Three children each work out an addition problem.

- Each child uses the same 6 digits.
- Each addition gives the same answer of 888
- Each child adds 2 different numbers together.

Work out a possible set of addition problems.

	H	T	O	
+				
	8	8	8	

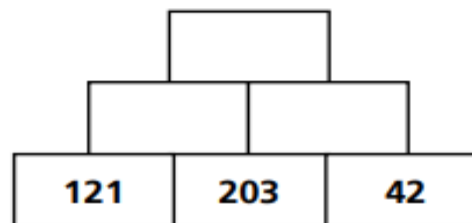
	H	T	O	
+				
	8	8	8	

	H	T	O	
+				
	8	8	8	

8 Here is an addition pyramid.

Add the two numbers below to make the number above.

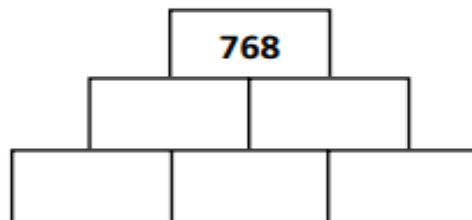
a) Complete the addition pyramid.



b) Complete the addition pyramid.

None of the additions should have an exchange.

The total is 768



Compare answers with a partner.



Friday Challenge Day.

- ▶ Have a go at these Maths Challenges independently or with a member of your family.. Good Luck and have a great weekend!

Challenge 1

Jane is standing in a queue.

There are 5 people in front of her.

There are 2 people behind her.

How many people are in the queue?



Challenge 2



Rosie

I have 80 pence.



Mo

I have 12 pence.

Rosie gives Mo 25 pence.

How much more money does Rosie have than Mo now?

Challenge 3

If

$$70 + \text{yellow circle} = 100$$

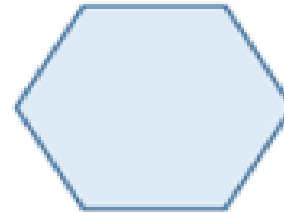
$$50 + \text{green triangle} = 100$$

$$\text{yellow circle} + \text{green triangle} + \text{blue square} = 100$$

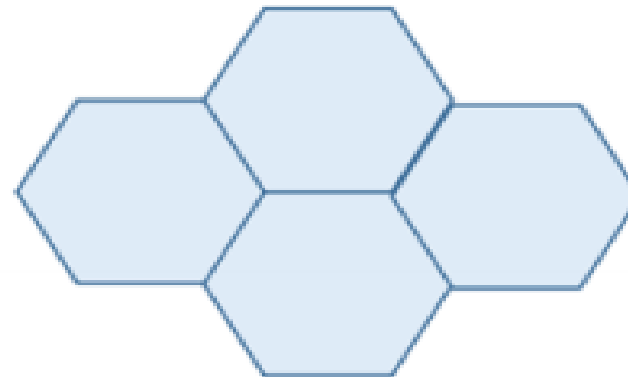
What is the value of the blue square?

Challenge 4

The perimeter of this regular hexagon is 42 cm.



Four of these hexagons are put together to make this shape.



What is the perimeter of the shape?





