

**Pendragon Class**

**Year 2**

**Maths**



**Learning Pack 2**

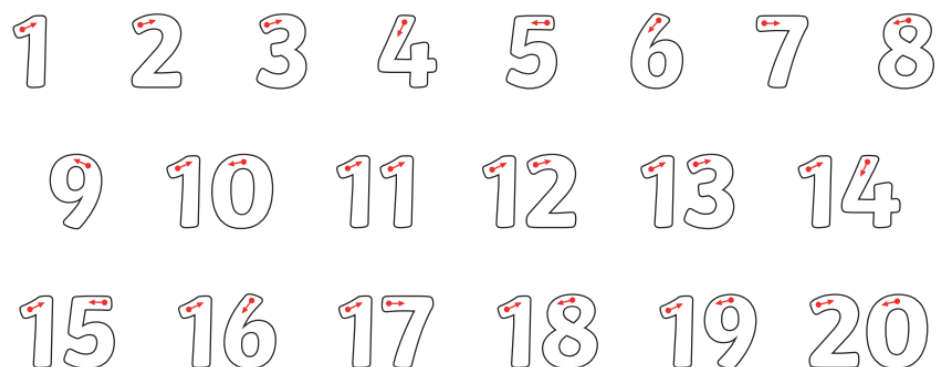
We have created a task for you to complete each day and have labelled them so you know what is being done in school. Please feel free to do more if you and your child would like to do so. We hope you enjoy the tasks we have set for you.

## **Resources to help**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

## **Number Formation**

Can you trace the numbers?



## Week 1: Monday- Place value

### Numbers to 100

Complete the hundred square.

1	2			5	6		8		
			14					19	20
		23		25					30
31		33				37	38		
				45	46				50
	52		54				58		
61			64	65	66				70
	72				76		78		
	82			85		87		89	
		93		95		97			100

- a) Che counts in 2s from 64, colour all the numbers Che would say.
- b) Kat counts in 5s from 15 to 55, colour all the numbers Kat would say.
- c) Put a circle around five numbers that are **less** than 70 but **more** than 60.
- d) Colour five numbers that are **less** than 12 and are even.

Cut out the numbers and place them face down then select a number.  
Create a number using this as your starting number and write the next 8 numbers.

For example:

33
----

34	35	36	37	38	39	40	41
----	----	----	----	----	----	----	----

90	85	71
64	72	38
56	30	68
51	92	82

Challenge:

Repeat this but continue the number track by counting backwards.

## Tuesday – Place value

### Representing numbers to 100

Complete the grids for each number.

Numeral	Words	Base 10	Part-whole
85			
37			
72			
51			
79			
92			
64			

## Wednesday – Place value

### Place value charts

- 1 Complete the place value charts and write number sentences to represent the numbers.

a

Tens	Ones
5	6

$$\underline{\quad 50 \quad} + \underline{\quad 6 \quad} = \underline{\quad \quad}$$

$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

b

Tens	Ones
seventy-three	

$$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

c

Tens	Ones
eighty-one	

$$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

d

Tens	Ones
3	1

$$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

e

Tens	Ones
9	4

$$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

f

Tens	Ones
thirty-five	

$$\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

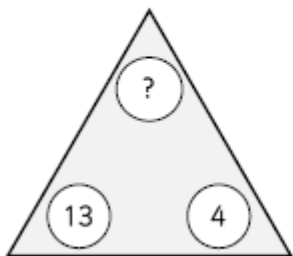
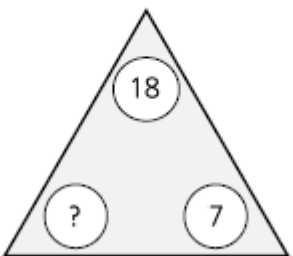
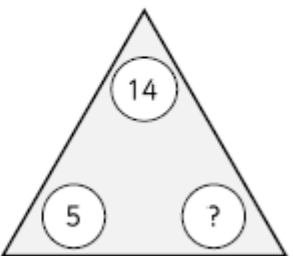
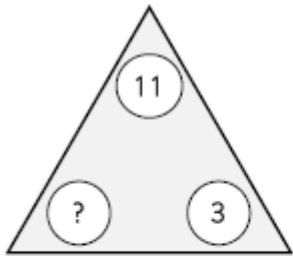
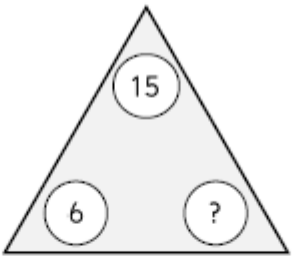
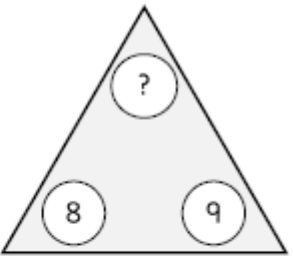
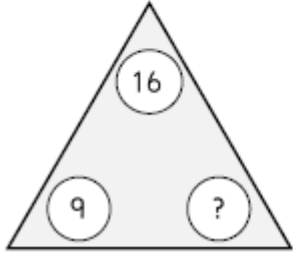
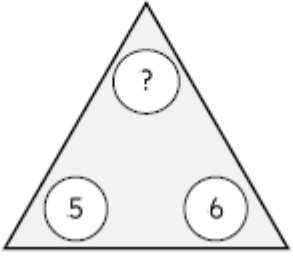
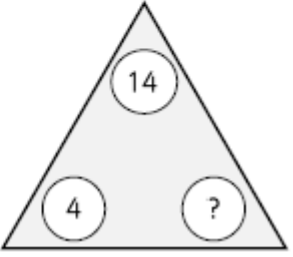
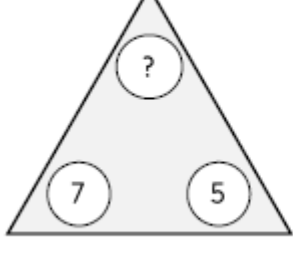
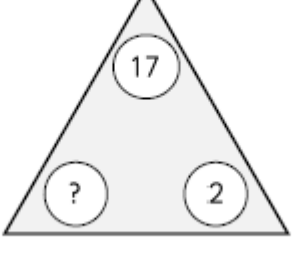
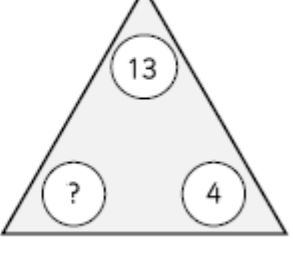
$$\underline{\quad \quad} = \underline{\quad \quad} + \underline{\quad \quad}$$

## Thursday – Addition and Subtraction

### Fact families

Use the numbers in each triangle to create a fact family of 4.

For example,  $12 + 6 = 18$     $6 + 12 = 18$     $18 - 12 = 6$     $18 - 6 = 12$

### Friday – Bonds to 100

## Bonds to 100

A bond to 100 pair is made using a blue card and a yellow card. Find all bond pairs.

45	22	7	96
32	90	50	60
30	33	82	10
9	4	55	15
67	18	91	40
93	68	70	5
78	95	50	85



## Week 2: Monday – Adding 10s and 1s

### Adding 10s & 1s

Complete the missing parts of each number square. Use a hundred square to help you.

a

16	17	
	37	

b

23		
	34	35

c

36	37	

d

	42	
51		

e

	67	
		78

f

74		
84		

g

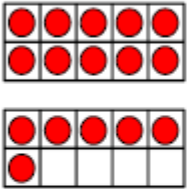
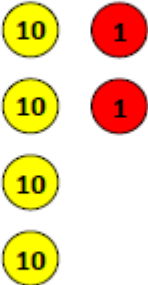
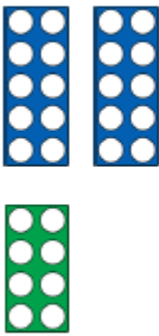
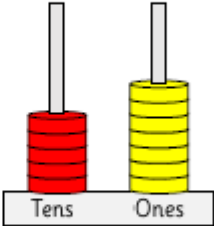
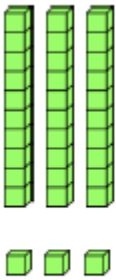
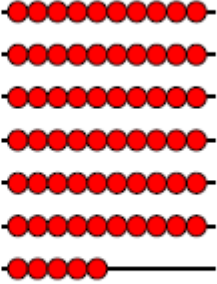
	79	

h

	89	

## Tuesday – Adding 10s and 1s

Complete the following sentences.

<p>1.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>	<p>2.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>
<p>3.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>	<p>4.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>
<p>5.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>	<p>6.</p>  <p>One more is _____</p> <p>One less is _____</p> <p>Ten more is _____</p> <p>Ten less is _____</p>

## Wednesday – Subtract with 2 digits

### Subtract with 2-digits (2)

Cut and stick each number sentence under the correct headings.




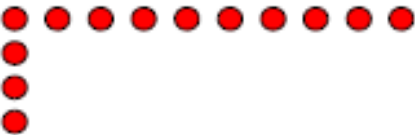



True	False

$42 - 18 = 24$	$36 - 17 = 19$	$52 - 34 = 16$	$83 - 44 = 37$
$26 - 11 = 14$	$75 - 28 = 47$	$92 - 68 = 25$	$63 - 46 = 17$
$82 - 37 = 45$	$37 - 19 = 19$	$56 - 39 = 18$	$54 - 39 = 15$
$31 - 16 = 17$	$27 - 19 = 8$	$71 - 48 = 23$	$45 - 26 = 18$
$72 - 34 = 36$	$42 - 36 = 6$	$94 - 19 = 77$	$64 - 28 = 36$
$44 - 17 = 27$	$87 - 28 = 57$	$56 - 28 = 29$	$93 - 65 = 28$

## Thursday – Make arrays

### Make arrays

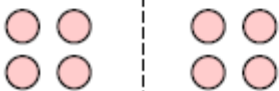
Complete the arrays then write number sentence to represent the finished array.

Array	Number sentence
	$5 + 5 + 5 + 5 = 20$ or $4 + 4 + 4 + 4 + 4 = 20$
	
	
	
	
	
	

## Friday -Sharing

### Sharing

Draw counters to represent the equal groups  
The first one has been completed for you.

Share 8 into 2 equal groups	Share 24 into 4 equal groups	Share 18 into 3 equal groups
		
Share 12 into 3 equal groups	Share 24 into 2 equal groups	Share 16 into 4 equal groups
Share 20 into 4 equal groups	Share 9 into 3 equal groups	Share 18 into 2 equal groups

## Extra tasks just in case:

### Money

#### Recognising coins and notes

Colour: Under 10p – red

10p to 30p – blue

40p to £8 – green

Over £8 – orange



## Make the same amount

Draw four different ways of making 70p

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Draw four different ways of making £1 and 50p.

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Draw four different ways of making £3 and 20p.

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Draw four different ways of making £7 and 5p.

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