









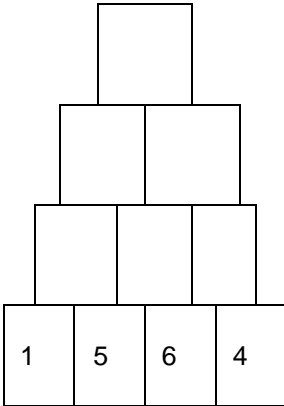
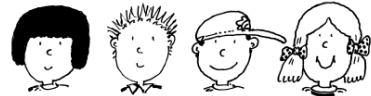




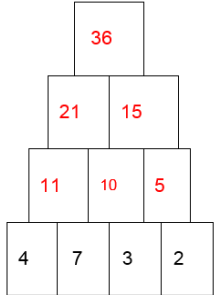



Year 3 - Maths – Summer 2 Week 6



	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Mental Maths (to aid fluency)	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.	Rapid Reasoning: See below for details.
CGP KS2 Maths 10-minute weekly workout book	CGP KS2 Maths book Workout 6, page 36	CGP KS2 Maths book Workout 7, page 38	CGP KS2 Maths book Workout 8, page 40	CGP KS2 Maths book Workout 9, page 42	CGP KS2 Maths book Workout 10, page 44
Problem of the day	<p>Shape codes. Find the value of each shape:</p> <p> +  = 7</p> <p> +  = 5</p> <p> +  = 4</p> <p> +  = 6</p> <p> +  = 8</p>	<p>Countdown Game. 100 1 10 3 3 2</p> <p>Only using digits from the six above, make the number 630.</p> <p>Remember you can only use the digits once.</p> <p>You can also play this game online.</p>	<p>Number pyramid Use addition to fill in the blanks:</p> 	<p>Problem of the week.</p> <p>Nick-names</p> <p>Dawn, Mark, Josh and Tina are friends.</p>  <p>They each have a nick-name. Their nick-names are Spider, Curly, Ace and Fudgy, but not in that order.</p> <p>What is the nick-name of each of the friends?</p> <p>Clues</p> <ul style="list-style-type: none"> ◆ Josh plays tennis with Curly and goes swimming with Ace. ◆ Tina has been on holiday with Curly but travels to school with Fudgy. ◆ Spider, Curly and Dawn play in the football team. ◆ Spider sometimes goes to tea with Josh. 	<p>Investigation. Three Ball Line Up Two children are playing with three balls, one blue, one red and one green.</p> <p>They toss up the balls, which run down a slope so that they land in a row of three.</p> <p>In how many different ways could the balls land?</p> <p>How do you know you have found them all?</p>
Tips, clues or methods to help	<p>Last week's answer:</p> <p> = 3  = 2</p> <p> = 6  = 10</p>	<p>This can be done one way using the 1, and another way without using the 1. To start with, how will you make the 6?</p>	<p>Last week's answer:</p> 	<p>Last week's answer: Kieron's Cats. His cats weighed 5kg, 2kg and 6kg.</p>	<p>Last week's answer: Number sandwich.</p> 

Day 1: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 6 | Day 1

- Q1** There are 473 pages in a book.
Isla has read 282 pages.

How many pages does Isla have left?

1 mark

- Q2** Liam moves a counter across a hundred square, starting at 4.

He counts in fours each time.

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

Which of these numbers will Liam's counter land on? Circle your answer.

24 42 52 62

1 mark

Day 2: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 6 | Day 2

- Q1** Look at the number sentences below.

$$370 + \boxed{} = 770$$

$$531 + \boxed{} = 571$$

$$623 + \boxed{} = 627$$

- a Complete the three missing numbers.

1 mark

- b Add the three missing numbers together.
What is their total?

1 mark

Q2

A:	649	B:	573	
	+	215	+	296
	854		869	
	1		1	

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

1 mark

Q3

64p 36p 46p 14p 40p

Show two ways to make £1 using these amounts.

2 marks

Day 3: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 6 | Day 3

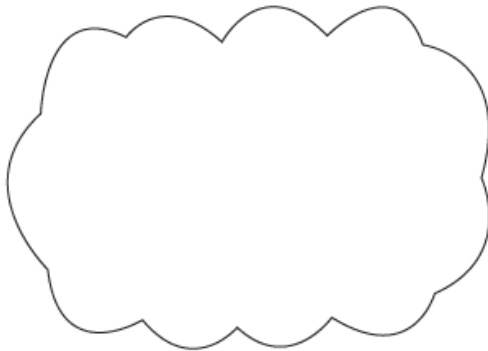
Q1 Which of the problems below is the odd one out? Tick your chosen box and then explain your answer.

What are eight twos?

How many fives are in 30?

What is four times 10?

If there are nine groups of two, how many are there altogether?



1 mark

Q2 There are 82 cars in a car park.
A number of cars drive out.
There are 46 cars left.

How many cars drive out of the car park?

1 mark

Q3



Which of these shapes have vertical line symmetry?

1 mark

Day 4: Rapid Reasoning

Rapid Reasoning | Questions

Year 3 | Week 6 | Day 4

Q1

A:	504	B:	609
	- 391	-	257
	113	-	452

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

1 mark

Q2

Multiples of 4	Multiples of 100
Multiples of 8	Multiples of 50

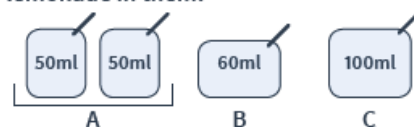
Put the labels shown at the start of Q2 where they belong in this table.

Always end in 0	Sometimes end in 0	Never end in 0

2 marks

Q3

These containers have different amounts of lemonade in them.



Use the letters A, B and C to compare the amounts.

=

<

1 mark

Day 5: Rapid Reasoning

Q1 The two sides of this balance are equal.



What is the missing number?

1 mark

Q3

Name of 3D shape:

2D shape on its surface:

<input type="text" value="cylinder"/>	<input type="text" value="square"/>
<input type="text" value="triangular prism"/>	<input type="text" value="circle"/>
<input type="text" value="cube"/>	<input type="text" value="rectangle"/>

Draw lines to match each 3D shape with a 2D shape that appears on its surface.

1 mark

Q2 Look at the statements below.

Complete these statements using either \times or \div .

$90 = 10 \square 9$

$10 = 100 \square 10$

$40 \square 5 = 8$

$2 \times 7 = 7 \square 2$

2 marks

Answers:

Q1 There are 473 pages in a book.
Isla has read 282 pages.

How many pages does Isla have left?

191 pages

1 mark

Q2 Liam moves a counter across a hundred square, starting at 4.

He counts in fours each time.

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

Which of these numbers will Liam's counter land on? Circle your answer.

24 42 52 62

1 mark

Q1 Look at the number sentences below.

$$370 + \boxed{400} = 770$$

$$531 + \boxed{40} = 571$$

$$623 + \boxed{4} = 627$$

a Complete the three missing numbers.

b Add the three missing numbers together. What is their total?

444

Q2

A:	B:
$\begin{array}{r} 649 \\ + 215 \\ \hline 854 \\ 1 \end{array}$	$\begin{array}{r} 573 \\ + 296 \\ \hline 869 \\ 1 \end{array}$

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

Q3

64p 36p 46p 14p 40p

Show two ways to make £1 using these amounts.

$64p + 36p$

$46p + 40p + 14p$

1 mark

2 marks

Q1 Which of the problems below is the odd one out? Tick your chosen box and then explain your answer.

What are eight twos?

How many fives are in 30?

What is four times 10?

If there are nine groups of two, how many are there altogether?

This is the odd one out because all the others are solvable by writing multiplication number sentences. This is solved by writing a division number sentence.

Q2 There are 82 cars in a car park. A number of cars drive out. There are 46 cars left.

How many cars drive out of the car park?

36

Q3



Which of these shapes have vertical line symmetry?

A, C and D

1 mark

1 mark

1 mark

Q1

A:	B:
$\begin{array}{r} 504 \\ - 391 \\ \hline 113 \end{array}$	$\begin{array}{r} 609 \\ - 257 \\ \hline 452 \end{array}$

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

Q2

Multiples of 4 Multiples of 100

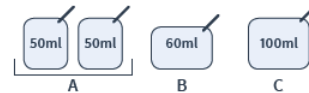
Multiples of 8 Multiples of 50

Put the labels shown at the start of Q2 where they belong in this table.

Always end in 0	Sometimes end in 0	Never end in 0
Multiples of 100	Multiples of 4	
Multiples of 50	Multiples of 8	

Q3

These containers have different amounts of lemonade in them.



Use the letters A, B and C to compare the amounts.

A = **C**

B < **A**

2 marks

1 mark

1 mark

Q1 The two sides of this balance are equal.

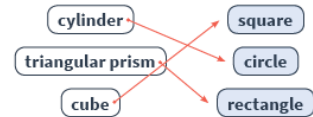
$$\boxed{15 + 19} \quad \boxed{? + 12}$$

What is the missing number?

22

Q3

Name of 3D shape: 2D shape on its surface:



Draw lines to match each 3D shape with a 2D shape that appears on its surface.

Q2

Look at the statements below.

Complete these statements using either \times or \div .

$$90 = 10 \boxed{\times} 9$$

$$10 = 100 \boxed{\div} 10$$

$$40 \boxed{\div} 5 = 8$$

$$2 \times 7 = 7 \boxed{\times} 2$$

1 mark

1 mark

2 marks