



**independentschoolsportal.org**

Building collegiality through technology

## Year 2

6 Mental Addition Tests with children's answer sheets

Tests are ideally taken once every 2 weeks

These tests have been designed for use in the Lent term

## Year 2 Block 3

### Test 1 ( end of week 2)

*Listen carefully to each question. I will read each question twice before you write your answer.*

#### ( 10 second response )

1. Count on from 73 to 81. How many did you count on? **(8)**
2. Start at 100 count back to 89. How many did you count back? **(11)**
3. 52 plus 30 **(82)**
4. Write the number that is 4 tens and 9 units **(49)**
5. What is 89 to the nearest 10? **(90)**
6. What is the 6<sup>th</sup> month of the year? **(June)**
7. Write a number in the box so the 3 numbers are in order **(39-46)**
8. What number is 10 before 88? **(78)**
9. Fill in the missing numbers on the number track **(78,80)**
10. Look at the shape on your sheet . Colour one quarter of it.

#### ( 15 second response )

11. A bar of chocolate has 20 pieces. How many will a quarter have? **(5)**
12. 8 added to a number is 28. What is the number? **(20)**
13. If a box of bananas weighs 4 kilograms. How much do 3 boxes weigh? **(12)**
14. An ice-cream cone costs 3p. How many can I buy with 15p? **(5)**
15. Sam goes into class at 9 o'clock. He plays out at a quarter past 10. How long was Sam in the classroom? **(1h.15min)**

## Year 2 Block 3

### Test 2 ( end of week 4 )

*Listen carefully to each question. I will read each question twice before you write the answer.*

#### ( 10 second response )

1. Put a ring around the 9<sup>th</sup> balloon
2. How many towers of 5 cubes can you make from 20 cubes?  
(4)
3. How many £2 coins do you get for £20? (10)
4. Andrew spent half of his pocket money. He had 40p left. How much did he start with? (80p)
5. 12 count on 9 (21)
6. How many 10p stamps can you buy with £1? (10)
7. What shape am I describing? It has 4 square corners, 2 long sides and 2 short sides. (rectangle)
8. Write 3 odd numbers between 55 and 70 (57,59,61,63,65,67,69)
9. 36 minus 28 (8)
10. 19 plus 23 (42)

#### ( 15 second response )

11. 4 people are on the bus. 8 more get on and 4 get off. How many people are on the bus? (8)
12. Rhian bought 4 lemons at 10p each. How much change did she get from £1? (60p)
13. How many 5 litre buckets can you fill with 25 litres of water?  
(5)
14. The clocks on your sheet show what time a shop opens and closes. How long is the shop open for? (3hours 30 min)
15. 24 cakes were shared between some children. Each one got 4 cakes. How many children were there? (6)

## Year 2 Block 3

### Test 3 ( end of week 6 )

*Listen carefully to each question. I will read each question twice before you write your answer.*

#### ( 10 second response )

1. Total the amounts on your sheet (£1.57)
2.  $9 \times 10$  (90)
3. 30 divided by 3 (10)
4. 16 plus 15 (31)
5. Double the number in the box (90)
6. Fill in the missing number (60)
7. Carl buys a toy car for 12p. He pays using 2 coins. Draw the coins. (10p and 2p)
8. Pantomime tickets cost £5 each. How much will 6 tickets cost? (£30)
9. Which is lighter 36g or 56g? (36g)
10. Draw a shape in the box that has 3 sides and 3 corners (triangle)

#### ( 15 second response )

11. List the multiples of 5 between 66 and 89 (70,75,80,85)
12. The school clock shows the time as 2 o'clock. School ends in one and a half hours. What time does school end? (3:30)
13. Gemma's skipping rope measures  $1\frac{1}{2}$  metres. Emma's rope measures  $2\frac{1}{2}$  metres. What is the total length of their ropes? (4 metres)
14. Billy scores 11, 7 and 9 on the dart board. What is his total score? (27)
15. If there are 7 days in one week, how many are there in a fortnight (14)

## Year 2 Block 3

### Test 4 (end of week 8)

*Listen carefully to each question. I will read each question twice before you write the answer.*

#### ( 10 second response )

1. 9 multiplied by 2 **(18)**
2. Write 3 numbers that total 20
3. What is the difference between 18 and 28? **(10)**
4. Halve 50 **(25)**
5. Put a line where  $4\frac{1}{2}$  comes on your number line
6. Fill in the missing number . Ten more than 30 is....**(40)**
7. What is 1 more than 89?**(90)**
8. What is 7 lots of 10? **(70)**
9. Write the nearest 10 to 55 **(60)**
10. I'm thinking of a number. I add 10 and the answer is 77.  
What is my number? **(67)**

#### ( 15 second response )

11. There are 41 children in the school hall, 11 more go in. How many are in the hall? **(52)**
12. What do you need to add to 97 to make 107?**(10)**
13. Fill in the missing numbers on your part of the 100 square  
**(15,16,26)**
14. Put the amounts on your sheet in order. Smallest first  
**(34p,40p,43p,45p,54p)**
15. Ring one quarter of the objects on your page

## Year 2 Block 3

### Test 5 ( end of week 10)

*Listen carefully to each question. I will read each question twice before you write your answer.*

#### ( 10 second response )

1. Write number 54 in words (**fifty four**)
2.  $13 + 24$  (**37**)
3. What is the difference between 83 and 78 (**5**)
4.  $400 + 300$  (**700**)
5. Two oranges cost 80p. What does 1 orange cost? (**40p**)
6. What is the sum of the number of seconds in a minute and the number of days in a week? (**67**)
7. Draw a 2D shape in the box that has 4 equal sides (**square**)
8. Fill in the missing sign to make the sum correct(**+**)
9. Divide 40 by 2 (**20**)
10. Two times what number is 16? (**8**)

#### ( 15 second response )

11. Ribbon costs £1 for a metre. How much is one and a half metres? (**£1.50**)
12. The sum of two numbers is 17. One is 9. What is the other? (**8**)
13. How many legs on 3 chairs? (**12**)
14. Sally is 7 years old today. How old was she 3 years ago? (**4**)
15. Beth buys 3 pizzas. She cuts them into quarters. How many pieces did she have? (**12**)

## Year 2 Block 3

### Test 6 ( end of week 12 )

*Listen carefully to each question. I will read each question twice before you write the answer.*

#### ( 10 second response )

1. How many corners does an octagon have?(8)
2. Put a ring around the 5<sup>th</sup> letter of the word sausage. (a)
3. 37 plus 9 (46)
4. Today is Tuesday. What was the day before yesterday?  
(Sunday)
5. Double 6 and add 8 (20)
6. Fill in the missing number (27)
7. Matthew scored 67 on the dartboard. Carl scored 20 less.  
How many did Carl score?(47)
8. Total up the amounts on your sheet. (73p)
9. Times 8 by 5 (40)
10. 25 divided by 5 (5)

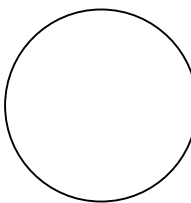


#### ( 15 second response )

11. Look at your sheet. What fraction of the objects are ringed.  
( $\frac{1}{4}$ )
12. Michael has 4 x 50p coins in his pocket. He loses 2 of them.  
How much does he have left? (£1)
13. Joanne is playing a dice game. She throws a 2 five times  
and then a 6. What was her total score?(16)
14. Mrs. Brown has 3 cats. Every cat needs 2 fish to eat. How  
many fish does Mrs. Brown need?(6)
15. Draw 3 coins to total 12p.(5p,5p,2p) (10p,1p,1p)

# Year 2 Block 3

## Test 1 Answer Sheet

<b>Name:</b>	<b>Date:</b>
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1	73 count on <input style="width: 40px; height: 25px;" type="text"/> is 81	9	<input style="width: 40px; height: 25px;" type="text"/> 79 <input style="width: 40px; height: 25px;" type="text"/> 81 <input style="width: 40px; height: 25px;" type="text"/> 82
2	100 count back <input style="width: 40px; height: 25px;" type="text"/> is 89	10	
3	<input style="width: 40px; height: 25px;" type="text"/>	11	1 bar has 20 pieces $\frac{1}{4}$ has <input style="width: 40px; height: 25px;" type="text"/> pieces
4	<input style="width: 40px; height: 25px;" type="text"/>	12	 + <input style="width: 40px; height: 25px;" type="text"/> 8 = <input style="width: 40px; height: 25px;" type="text"/> 28
5	<input style="width: 40px; height: 25px;" type="text"/>	13	<input style="width: 40px; height: 25px;" type="text"/> 4kg 3 boxes weigh <input style="width: 40px; height: 25px;" type="text"/> kg
6	<input style="width: 150px; height: 25px;" type="text"/>	14	 3p. I can buy <input style="width: 40px; height: 25px;" type="text"/> ice-creams for 15p
7	38 <input style="width: 40px; height: 25px;" type="text"/> 47	15	Class at 9:00 Play at 10:15 <input style="width: 40px; height: 25px;" type="text"/> hour <input style="width: 40px; height: 25px;" type="text"/> minutes
8	<input style="width: 40px; height: 25px;" type="text"/>		






# Year 2 Block 3

## Test 3 Answer Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1	<p>£1 50p 5p 2p</p> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">£ .</div>	9	<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; margin-right: 5px;"></div> g
2	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto;"></div>	10	
3	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto;"></div>	11	<p><b>66</b> <span style="float: right;"><b>89</b></span></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 2px solid black; width: 40px; height: 40px;"></div> <div style="border: 2px solid black; width: 40px; height: 40px;"></div> <div style="border: 2px solid black; width: 40px; height: 40px;"></div> <div style="border: 2px solid black; width: 40px; height: 40px;"></div> </div>
4	<p>16,15</p> <div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto;"></div>	12	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">2 : 00</div> School closes at <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px; vertical-align: middle;"></div> : <div style="border: 1px solid black; display: inline-block; width: 20px; height: 20px; vertical-align: middle;"></div>
5	<div style="border: 1px solid black; display: inline-block; padding: 5px 15px; margin-right: 20px;">45</div> <div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto;"></div>	13	<div style="text-align: center;"> <math>2 \frac{1}{2} \text{ m.}</math>  <math>1 \frac{1}{2} \text{ m.}</math> </div> <p>The total length is <div style="border: 1px solid black; width: 40px; height: 40px; display: inline-block; vertical-align: middle;"></div> m</p>
6	<div style="border: 1px solid black; width: 50px; height: 50px; display: inline-block; vertical-align: middle;"></div> + 40 = 100	14	<p>11 7 9</p> <p>Total score <div style="border: 1px solid black; width: 50px; height: 50px; display: inline-block; vertical-align: middle;"></div></p>
7	 12p  <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 50px; height: 50px; border-radius: 50%;"></div> <div style="border: 1px solid black; width: 70px; height: 70px; border-radius: 50%;"></div> </div>	15	<div style="border: 1px solid black; width: 60px; height: 60px; display: inline-block; margin-right: 10px;"></div> days
8	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 10px;">£5 ticket</div> 6 tickets cost £ <div style="border: 1px solid black; width: 40px; height: 40px; display: inline-block; vertical-align: middle;"></div>		

# Year 2 Block 3

## Test 4 Answer Sheet




Name:		Date:													
1	<input style="width: 50px; height: 30px;" type="text"/>	9	<input style="width: 50px; height: 30px;" type="text"/>												
2	<input style="width: 40px; height: 30px;" type="text"/> + <input style="width: 40px; height: 30px;" type="text"/> + <input style="width: 40px; height: 30px;" type="text"/> = 20	10	+ <input style="width: 40px; height: 30px; border: 1px solid black;" type="text" value="10"/> is 77												
3	<input style="width: 50px; height: 30px;" type="text"/>	11	41 children 11 more children <input style="width: 50px; height: 30px;" type="text"/> children altogether												
4	<input style="width: 50px; height: 30px;" type="text"/>	12	<input style="width: 50px; height: 30px;" type="text"/>												
5	<hr style="width: 100%; border: 0.5px solid black;"/> 0 1 2 3 4 5 6 7 8 9 10	13	<table border="1" style="border-collapse: collapse; margin-left: auto; margin-right: auto;"> <tr> <td style="width: 40px; text-align: center;">4</td> <td style="width: 40px;"></td> <td style="width: 40px;"></td> <td style="width: 40px;"></td> </tr> <tr> <td style="text-align: center;">14</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">27</td> <td></td> </tr> </table>	4				14						27	
4															
14															
		27													
6	10 more than 30 is <input style="width: 40px; height: 30px;" type="text"/>	14	<b>54p 34p 40p 45p 43p</b> smallest <table border="1" style="border-collapse: collapse; width: 100%; height: 20px;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>												
7	<input style="width: 50px; height: 30px;" type="text"/>	15													
8	<input style="width: 50px; height: 30px;" type="text"/>														

# Year 2 Block 3

## Test 5 Answer Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_



1	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	9	<div style="border: 1px solid black; width: 100%; height: 100%; text-align: center; margin-top: 20px;">□</div>
2	<p>13 + 24 is <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span></p>	10	<p>2 x <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> = 16</p>
3	<p>83 78</p> <div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 10px;"></div>	11	<p style="text-align: center;">_____ 1metre = £1</p> <div style="border: 1px solid black; width: 100%; height: 20px; text-align: center; margin-top: 5px;">£</div>
4	<div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 20px;"></div>	12	<div style="border: 1px solid black; width: 60px; height: 40px; margin-right: 10px; margin-top: 20px;"></div> and 9 is 17
5	 <p>2 cost 80p</p> <p>1 orange costs <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> p</p>	13	 <div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 20px;"></div> legs
6	<p>Seconds in a minute Days in a week</p> <div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 20px;"></div>	14	<div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 20px;"></div> years old
7		15	 <div style="border: 1px solid black; width: 60px; height: 40px; margin-left: auto; margin-right: auto; margin-top: 20px;"></div> pieces
8	<p>34 <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> 8 = 42</p>		

# Year 2 Block 3

## Test 6 Answer Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1	<input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/> corners	9	<input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>
2	S a u s a g e	10	<input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>
3	<input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>	11	 <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>
4	_____	12	£ <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>
5	Double 6 and add 8 is <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>	13	Throws a 2 five times then a six Total score <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>
6	<input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/> - 7 = 20	14	 3 cats eat <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/> fish
7	Matthew scored 67 Carl scored 20 less  Carl scored <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/>	15	
8	5p 2p 50p 10p 1p 5p  total <input style="width: 40px; height: 40px; border: 1px solid black;" type="text"/> p		