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Building collegiality through technology

Year 3

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 Michalmas term

Year 3 Time Block 1

Test 1 (end of week 2)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1. Write in figures the number 69.
2. Write the missing number: (64 = ? + 4) (60)
3. What number is halfway between 9 and 13? (11)
4. What is the nearest 10 to 33? (30)
5. How many corners has a triangle? (3)
6. Five add three add two. (10)
7. Twelve take away four. (8)
8. What is 2 times 5? (10)
9. Divide 6 by 3. (2)
10. How many centimetres are there in 1 metre? (100)

For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. Look at the scale on your sheet. Estimate the number shown by the arrow. (13)
12. I have £14. I am given another £9. How much do I have now? (£23)
13. How many days are there in the month of December? (31)
14. Frank buys a T-shirt for £5.99 and a pair of socks for £1.99. How much do they cost altogether? (£7.98)
15. On your sheet is a pattern of numbers. What is the next number in the pattern? (23)

(3 7 11 15 19 ?)

Year 3 Time Block 1

Test 2 (end of week 4)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1.What number is shown by the arrow on the number line.

_____?_____

70 80 (75)

2. On your sheet is part of a 100 square. Fill in the missing number.

15	
25	26

3. Write a number between 17 and 21. (18,19 or 20)
4. Round 16 to the nearest 10. (20)
5. How many right angles are there in a square? (4)
6. Four plus six. (10)
7. Take six from eighteen. (12)
8. Double 16. (32)
9. Share 18 sweets between 2 children. (9)
10. How many pence in £1.50? (150)

For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. A pear costs 15p more than an apple. An apple costs 12p. What does a pear cost? (27)
12. How many squares can you count on the diagram on your sheet? (6)
13. On your sheet is a clock. What time does it show? (3.30 or half past 3)
14. What is double the sum of 18 and 12? (60)
15. Draw the next shape in the sequence. ( )

Year 3 Time Block 1

Test 3 (end of week 6)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1. Write one hundred and sixty three in figures. (163)
2. What number is one less than one hundred and twenty? (119)
3. Write a number in the box so that the 3 numbers are in order 25 31. (26, 27, 28, 29 or 30)
4. What is 24 to the nearest 10? (20)
5. What name do we give to a six-sided shape? (hexagon)
6. Add 5, 2 and 13. (20)
7. Half of 36. (18)
8. What is 8 times 5? (40)
9. Is 35 a multiple of 3? (no)
10. How many metres are there in 1 kilometre? (1000)

For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. What is the approximate length of the toy plane on your sheet? (6cm)
12. Look at the lengths on your sheet. Ring the shortest.

    1 centimetre 1 millimetre
    1 metre 1 kilometre

13. What is the greatest number you can make from these digits? 3, 0, 6 (630)
14. What shape is the face of a cube? (square)
15. Two rolls of tape are 35cm and 41cm long. What is the difference in their lengths? (6cm)

Year 3 Time Block 1

Test 4 (end of week 8)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1. What number is shown by the arrow on the number line
   _____ ↓__(97) 90
   100
2. There are 5kg of oranges in 1 box. How many kg of oranges are there in 3 boxes? (15kg)
3. A number lies between 38 and 42. What could it be? (39, 40 or 41)
4. What is 45 to the nearest 10? (50)
5. How many sides has a pentagon? (5)
6. What is 2 plus 19 plus 1? (22)
7. Write 2 numbers that total 20. (e.g. 0, 20)
8. Multiply 6 by 4. (24)
9. 30 pence is shared equally among three children. How much does each child get? (10p)
10. How many grams are there in 1kg? (1000g)

For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. What is the approximate length of the toy car on your sheet? (60cm)
12. This is part of a 100 square. Fill in the missing numbers.

24	25	26	
		36	37

13. On your sheet is a shaded rectangle. How many rectangles can you count altogether? (5)
14. Ring the number which does not belong:
    3 6 9 10 12 15

15 Which 3 coins make 17p? (10p, 5p, 2p)

Year 3 Time Block 1

Test 5 (end of week 10)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1. Write the number that is 10 more than 56. (66)
2. Write a number in the box so that the 3 numbers are in order. 250 310 (any number from 251 to 309 inc.)
3. Estimate the whole number shown by the arrow

   _____↓_____
   0 10 (4, accept 3)
4. What do we call an 8-sided shape? (octagon)
5. What is the total of 3, 6 and 7? (16)
6. Double 95. (190)
7. How many fives make 45? (9)
8. Halve 36. (18)
9. What is the next odd number after 49? (51)
10. How many 2p coins are needed to make 20p? (10)

For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. How many triangles can you see altogether in the diagram on your sheet? (6)
12. David bought 3 chocolate bars at 15p each. How much change from 50p did he get? (5p)
13. How many wheels are there on 5 cars? (20)
14. Ring the even numbers:

    (13 24 12 27 21)
15. Write the missing number:

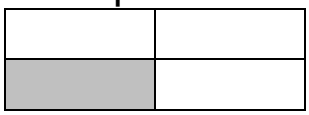
    (20 24 28 32 ? 40) (36)

Year 3 Time Block 1

Test 6 (end of week 12)

I will read every question twice. In this first set you will have 5 seconds to work out the answer and record it on your answer sheet.

1. Write in figures the number seven hundred. (700)
2. Write a number that is more than 28 and less than 31. (29 or 30)
3. My cake cost between 90p and £1. Write down what it could have cost. (91p-99p inc. Accept £ notation)
4. What is 37 rounded to the nearest 10? (40)
5. How many lines of symmetry has the rectangle on your sheet? (2)
6. What is the sum of 3, 6 and 7? (16)
7. What is half of 170? (85)
8. What is 9 multiplied by 3? (27)
9. Sue got on the bus at 9 o'clock. The journey took half an hour. What time did she get off the bus? (9.30 or half past 9)
10. What fraction of the shape is shaded? (¼)



For the next set of questions you will have 10 seconds to work out the answer and record it on your answer sheet.

11. A television programme lasted 25 minutes. It started at twenty five to six. What time did it finish? (6 o'clock)
12. What is the solid shape on your sheet called? (cone)
13. What are two 10p and ten 5p coins altogether? (70p)
14. In 3 hours it will be midday. What time is it now? (9am, 9.00 or 9 in the morning)
15. 1.5m is the same as how many centimetres? Circle the correct answer.

    15cm 105cm 150cm 1500cm

YEAR 3 **Mental Arithmetic Test 1**

Name: **Date:**

1	
2	64 = ☐ + 4
3	9 13
4	
5	
6	
7	
8	
9	
10	cm

11		10 ↓ 16
12	£	£14 £9
13		
14	£	£5.99 £1.99
15	3 7 11 15 19	☐

YEAR 3 Mental Arithmetic Test 2

Name: **Date:**

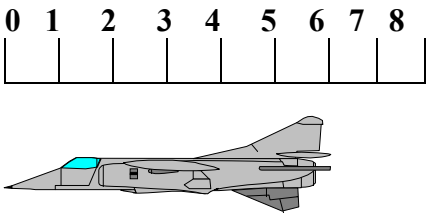
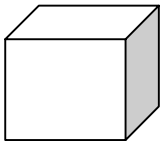
1		70 ↑ 80
2	15 26	
3		17 21
4		
5		
6		
7		
8		
9	sweets	18 sweets 2 children
10	p	£1.50

11	p	15p 12p
12		
13	.....	
14		18 2
15	□ □ O □ □ O □.....	

YEAR 3 **Mental Arithmetic Test 3**

Name: **Date:**

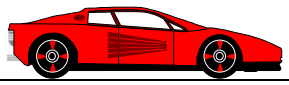
1	
2	
3	25 ☐ 31
4	
5	
6	5 2 13
7	
8	
9	
10	m / 1 km

11	cm	
12	1 centimetre 1 millimetre 1 metre 1 kilometre	
13		0 3 6
14		
15	cm	35cm 41cm

YEAR 3 Mental Arithmetic Test 4

Name: **Date:**

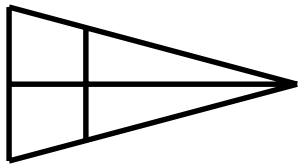
1		90 ↑ 100
2	kg	5kg
3		38 42
4		
5		
6		2 19 1
7		20
8		
9	p	30p
10	g	1kg

11	0 20 40 60 80 100 	cm
12	24	37
13		
14	3 6 9 10 12 15	
15		17p

YEAR 3 **Mental Arithmetic Test 5**

Name: **Date:**

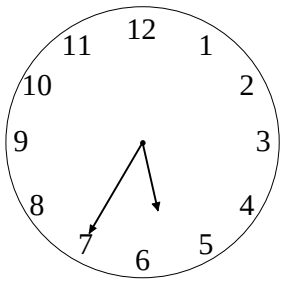
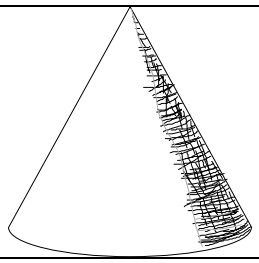
1		
2	250 ☐ 310	
3		0 ↑ 10
4		
5		3 6 7
6		
7		45
8		
9		49
10		20p

11		
12	p	15p 50p
13	wheels	5 cars
14	13 24 12 27 21	
15	20 24 28 32 ☐ 40	

YEAR 3 **Mental Arithmetic Test 6**

Name: **Date:**

1		
2		**28** **31**
3		**90p** **£1**
4		
5		
6		**3 6 7**
7		
8		
9		**9 o'clock**
10		

11		 **25 mins**
12		
13	**£**	**2 10p coins** **10 5p coins**
14		
15	**15cm** **105cm** **150cm** **1500cm**	