

Year 3 Mental Maths (Block 1)

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

5 second response time

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)

10 second response time

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)



Year 3 Mental Maths

Name: _____ Date: _____

1.		9.	
2.	$64 = \square + 4$	10.	cm
3.	<div><div></div><div>913</div></div>	11.	<div><div>10</div><div></div><div></div><div></div><div></div><div></div><div></div><div>16</div></div>
4.		12.	<div><div>£</div><div>£14£ 9</div></div>
5.		13.	
6.		14.	<div><div>£</div><div>£5.99£1.99</div></div>
7.		15.	3 7 11 15 19 _____
8.			

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5 second response time

1. What number is shown by the arrow on the number line? (75)
2. On your sheet is part of a 100 square. Fill in the missing number. (25)
3. Write a number that is 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)

10 second response time

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? (6)
13. Look at the 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. (☐)



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Name: _____ Date: _____

1.			9.		18 sweets 2 children
2.	<div><div>15</div><div><div></div>26</div></div>		10.	p	£1.50
3.		17 21	11.	p	15p 12p
4.			12.		<div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div>
5.			13.	<div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div></div></div><div>.....</div></div>	
6.			14.		18 2
8.			15.	<div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>.....</div></div></div>	

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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.
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 a kilometre? (1000)


10 second response time

11. What is the approximate length of the toy plane on your sheet? (6cm)
12. Look at the lengths on your sheet. Put a ring around the shortest length. (1 millimetre)
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)



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Name: _____ Date: _____

1.			9.		
2.			10.	m	1 km
3.	25	31	11.	<div><div>012345678</div><div></div></div>	
4.			 cm	
5.			12.	1 centimetre	1 millimetre
				1 metre	1 kilometre
6.		5 2 13	13.		<div><div>3</div><div>6</div><div>0</div></div>
7.			14.		
8.			15.	cm	35cm 41cm

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5 second response time

1. What number is shown by the arrow on the number line? (97)
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 two 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)


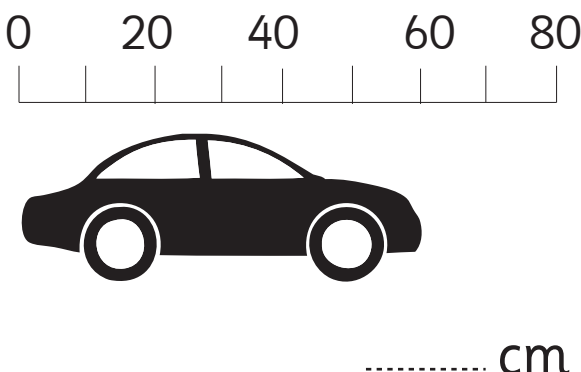
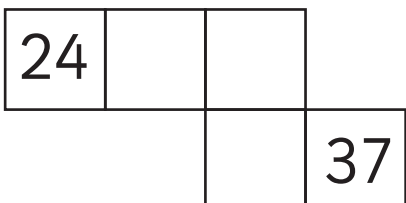
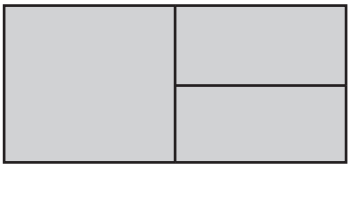
10 second response time

11. What is the approximate length of the toy car? (60cm)
12. This is part of a number square. Fill in the missing numbers. (25, 26, 36)
13. On your sheet is a shaded rectangle. How many rectangles can you count altogether? (5)
14. Ring the number which does not belong. (10)
15. Which 3 coins make 17p? (10p, 5p, 2p)



Year 3 Mental Maths

Name: _____ Date: _____

1.			9.	<p>p 30p</p>	
2.	<p>kg 5kg</p>		10.	<p>g 1 kg</p>	
3.	<p>38 42</p>		11.	 <p>..... cm</p>	
4.			12.		
5.			13.	 <p>.....</p>	
6.	<p>2 19 1</p>		14.	<p>3 6 9 10 12 15</p>	
7.	<p>20</p>		15.	<p>17p</p>	
8.					

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5 second response time

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 251-309 inc.)
3. Estimate the whole number shown by the arrow. (4 or 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 5's 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)

10 second response time

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. Put a ring around the even numbers: 13 24 12 27 21 (24, 12)
15. Write the missing number: 20 24 28 32 ? 40 (36)



Year 3 Mental Maths

Name: _____ Date: _____

1.			9.		49
2.	250		310	10.	20p
3.	<div><div>0</div><div>10</div><div></div></div>		11.	<div><div></div><div></div><div></div></div>	
4.			12.	p	15p 50p
5.		3 7 6	13.	wheels	5 cars
6.			14.	13 24 12 27 21	
7.		45	15.	20 24 28 32	
8.					40

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5 second response time

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. (91-99p inc. Accept £ notation)
4. What is 37 rounded to the nearest 10? (40)
5. How many lines of symmetry does the rectangle have? (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 hr. What time did she get off the bus? (9:30 or half past 9)
10. What fraction of the shape is shaded? ($\frac{1}{4}$)

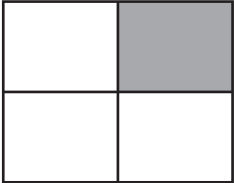
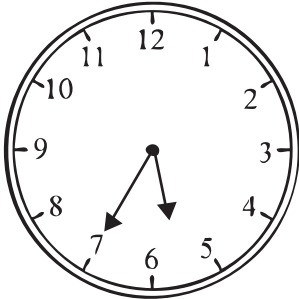
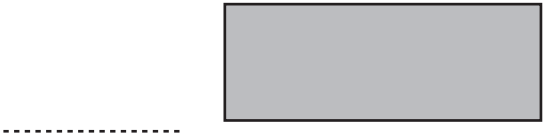
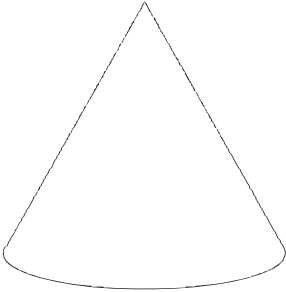
10 second response time

11. A television programme lasted 25 mins. It started at twenty five to 6. 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 hrs 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? (150cm)



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Name: _____ Date: _____

1.			9.		9 o'clock
2.		28 31	10.		
3.		90p £1	11.		
4.				25 mins	
5.			12.		
6.		3 6 7	13.	£	2 10p coins 10 5p coins
7.			14.		
8.			15.	15cm 105cm 150cm 1500cm	