

Wigan LEA  
Numeracy Centre

Year 4 - Time Block 2  
Mental Arithmetic  
Test Questions



Produced by  
Wigan Numeracy Centre  
September 2000

## Year 4 Time Block 2

Test 7 (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 the number 4307 in figures. (4307)
2. Write an even number between 423 and 430. (424,426 or 428)
3. Double 350. (700)
4. Round 227 to the nearest 10. (230)
5. What is the total of 54 and 45? (99)
6. What do I have to add to 37 to make 74? (37)
7. What is the product of 9 and 4? (36)
8. Half of 92? (46)
9. Divide 32 dice between 4 classes. How many each? (8)
10. Look at the 2 numbers on your sheet. Write a number that lies between them in the empty box.

273  281 (274-280 inc.)

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

11. Write the fraction shaded. (2/8 or 1/4)



12. How many months are there in 3 years? (36)
13. Look at the Carroll Diagram on your sheet. Some numbers have been sorted. Write the number 33 in the correct box.

	Even numbers	Odd numbers
Have 2 tens	28	25
Have 3 tens	20	21
	36	37
	32	39 33

14. How much change from £1 is there after spending 55p? (45p)
15. Put a ring round the number divisible by 6. (30)

**YEAR 4**

**Mental Arithmetic Test 7**

**Name:**

**Date:**

**1**

**2**

<input type="text"/>	<b>423</b>
<input type="text"/>	<b>430</b>

**3**

<input type="text"/>	<input type="text"/>
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**4**

<input type="text"/>	<b>227</b>
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**5**

<input type="text"/>	<b>54 45</b>
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**6**

<input type="text"/>	<b>37</b>
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**7**

<input type="text"/>	<input type="text"/>
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**8**

<input type="text"/>	<b>92</b>
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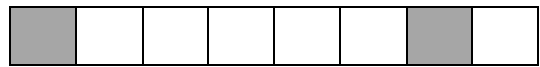
**9**

<input type="text"/>	<b>32 dice</b>
<input type="text"/>	<b>4</b>

**10**

<b>273</b>	<input type="text"/>	<b>281</b>
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**11**



**12**

**months**

**13**

	<b>Even numbers</b>	<b>Odd numbers</b>
<b>Numbers with 2 tens</b>	<b>28</b> <b>20</b>	<b>25</b> <b>21</b>
<b>Numbers With 3 tens</b>	<b>36</b> <b>32</b>	<b>37</b> <b>39</b>

**33**

**14**

**£1 55p**  
**p**

**15**

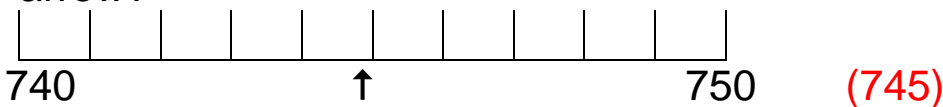
**30      31      32**

## Year 4 Time Block 2

### Test 8 (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. Write the number 3051. (3051)
2. Add 8, 3 and 7. (18)
3. From 84, take away 7. (77)
4. Write the next odd number after 252. (253)
5. Round 261g to nearest 100 grams. (300g)
6. What is the product of 4 and 8? (32)
7. To play a game, 35 children need to be put in teams of 7. How many teams will there be? (5)
8. Write the correct symbol/sign greater than or less than in the empty box.  $761 \square 293$ . (>)
9. On your answer sheet is a scale. What is the number shown by the arrow?



10. Double 41. (82)

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

11. Margaret uses 550 grams of flour from a 1kg packet. How much flour is left? (450g)
12. Ring the name of the polygon that has 7 straight sides.  
Triangle Heptagon Hexagon Pentagon
13. How many edges has a cuboid? (12)
14. A bike journey starts at nine twenty and lasts for 50 minutes. At what time did the journey finish? (10 past 10)
15. Peter stands on the bathroom scales shown on your sheet.  
Roughly what measurement is shown on the scales? (24kg 200g – 24kg 400g)

**YEAR 4**

**Mental Arithmetic Test 8**

**Name:**

**Date:**

**1**

**2**

<input type="text"/>	<b>8 3 7</b>
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**3**

<input type="text"/>	<b>84</b>
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**4**

<input type="text"/>	<table border="1"><tr><td><b>252</b></td><td><input type="text"/></td></tr></table>	<b>252</b>	<input type="text"/>
<b>252</b>	<input type="text"/>		

**5**

<input type="text"/>	<b>261g</b>
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**6**

<input type="text"/>	<input type="text"/>
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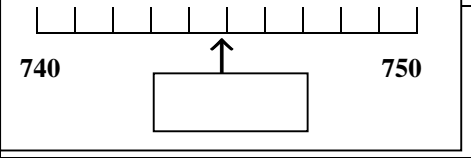
**7**

<input type="text"/>	<b>35 7</b>
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**8**

<b>761</b>	<input type="text"/>	<b>293</b>
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**9**



**10**

**11**

<input type="text"/>	<b>550g 1 kg</b>
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**12**

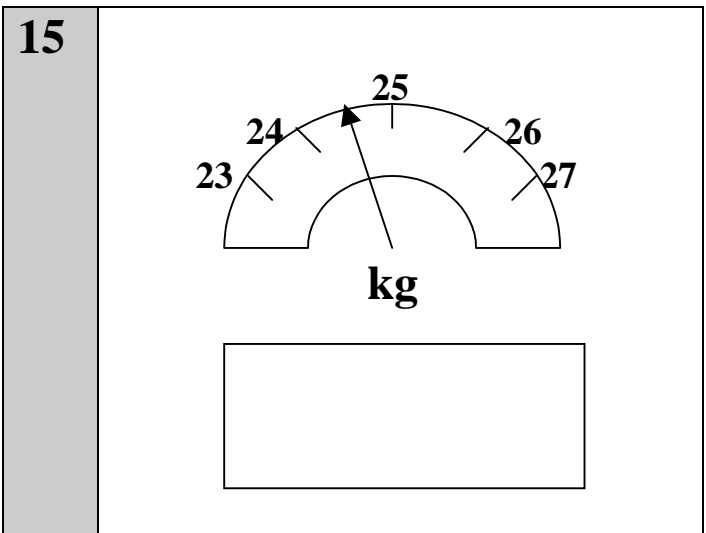
<b>triangle</b>	<b>heptagon</b>
<b>hexagon</b>	<b>pentagon</b>

**13**

**14**

<input type="text"/>	<b>9.20 50 mins</b>
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**15**





**YEAR 4**

**Mental Arithmetic Test 9**

**Name:**

**Date:**

**1**

**2**

**3**

**7**

**2**

**3**

**48**

**4**

**587**

**5**

**983m**

**6**

**36**

**7**

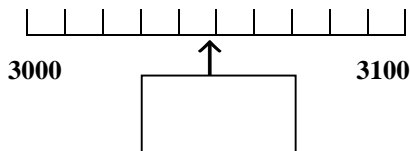
**45**

**8**

**161**

**234**

**9**



**10**

**11**

**741**

**746**

**756**

**12**

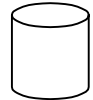
**35p**

**20p**

**£1**

**13**

**sides**



**14**

**2g**

**20g**

**200g**

**2kg**

**15**

**99**

**17**

**27**

**32**





**YEAR 4**

**Mental Arithmetic Test 10**

<b>Name:</b>	<b>Date:</b>
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<b>1</b>	<input style="width: 95%;" type="text"/>																						
<b>2</b>	<input style="width: 95%;" type="text"/>	<b>5 7</b> <b>5</b>																					
<b>3</b>	<input style="width: 95%;" type="text"/>	<b>16</b>																					
<b>4</b>	<b>899</b> <input style="width: 50px; height: 20px;" type="text"/>																						
<b>5</b>	<input style="width: 95%;" type="text"/> <b>g</b>	<b>355g</b>																					
<b>6</b>	<input style="width: 95%;" type="text"/>																						
<b>7</b>	<input style="width: 95%;" type="text"/>	<b>10cm</b> <b>60cm</b>																					
<b>8</b>	<b>8930</b> <input style="width: 50px; height: 20px;" type="text"/> <b>8940</b>																						
<b>9</b>	<table style="width: 100%; border-collapse: collapse;"><tr><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td><td style="border-bottom: 1px solid black; width: 15%;"></td></tr><tr><td style="text-align: center;">350</td><td></td><td style="text-align: center;">↑</td><td></td><td></td><td style="text-align: center;">380</td><td></td></tr><tr><td></td><td></td><td style="text-align: center;"><input style="width: 50px; height: 20px;" type="text"/></td><td></td><td></td><td></td><td></td></tr></table>								350		↑			380				<input style="width: 50px; height: 20px;" type="text"/>					
350		↑			380																		
		<input style="width: 50px; height: 20px;" type="text"/>																					
<b>10</b>	<input style="width: 95%;" type="text"/>																						

<b>11</b>	<input style="width: 95%;" type="text"/>	<b>10p</b> <b>£12</b>
<b>12</b>	<input style="width: 95%;" type="text"/>	<b>208</b> <b>4</b>
<b>13</b>	<input style="width: 95%;" type="text"/>	<b>£1.80</b> <b>10</b>
<b>14</b>	<b>84 ÷ 14 =</b> <input style="width: 50px; height: 20px;" type="text"/>	<b>14 x 6=84</b>
<b>15</b>	<input style="width: 95%;" type="text"/>	

## Year 4 Time Block 2

Test 11 (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 4009. (4009)
2. What is the total of 6, 9 and 4? (19)
3. Take 13 from 51. (38)
4. Make the largest number you can from 

7	9	0	2
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(9720)
5. Round 148m to the nearest 10 metres. (150m)
6. What is 8 multiplied by itself? (64)
7. Share £140 between 10 people. (£14)
8. Write the correct sign/symbol for greater than/less than, in the empty box. 3716 

<
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 4392
9. What is one quarter of 480? (120)
10. Double 19. (38)

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

11. Given that  $400 \div 5 = 80$ , what is  $5 \times 80$ ? (400)
12. How many times larger is 800 than 8? (100)
13. Put a ring round the smallest of the numbers on your sheet. 707  
182      808  
    168      618
14. On your sheet ring the fraction that is the same as 0.5:  
 $\frac{3}{4}$ ,  $\frac{5}{8}$ ,  $\frac{5}{10}$ ,  $\frac{2}{10}$
15. 4 books cost £9. What does 1 book cost? (£2.25)

**YEAR 4**

**Mental Arithmetic Test 11**

**Name:**

**Date:**

**1**

**2**  **6 9**  
**4**

**3**  **13**

**4**  **7 9**  
**0 2**

**5**  **148m**

**6**

**7**  **£140**

**8** **3716**  **4392**

**9**  **480**

**10**

**11** **5 x 80 =**  **400 ÷ 5 = 80**

**12**  **800**  
**8**

**13** **707** **182** **808**  
**168** **618**

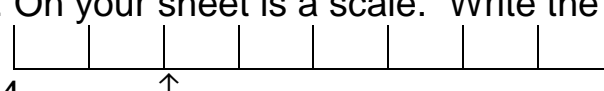
**14**  $\frac{5}{8}$   $\frac{3}{4}$   
 $\frac{5}{10}$   $\frac{2}{10}$

**15** **£**  **4 books**  
**£9**

## Year 4 Block 2

### Test 12 ( 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 the number 5680. (5680)
2. Add together 7, 12 and 9. (28)
3. What must I take from 61 to leave 37? (24)
4. Make the smallest number you can from 7, 9, 1, 2 (1279)
5. Round 874ml to the nearest 100 millilitres. (900ml)
6. What is the 5<sup>th</sup> multiple of 8? (40)
7. What is 670 divided by 10? (67)
8. Write the correct sign/symbol, greater than or less than, in the empty box.  
7618  7218
9. On your sheet is a scale. Write the number shown by the arrow.  
 (2)
10. Double 27. (54)

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

11. On your sheet is a tally chart showing how many smarties of each colour there were in a tube of smarties. How many red smarties were there? (6)

Colour	Number of Smarties
Red	I
Brown	III
Yellow	
Green	I
Blue	

12. Look at the fractions on your sheet. Circle the smallest.  
6.2    5.7    4.5    7.6    5.2
13. What is one tenth of £1? (10p)
14. A film lasts 180 minutes. How many hours is this? (3 hours)
15. A cook has 29 jelly sweets to put on 5 cakes. How many sweets can he put on each cake so that each cake has the same number? (5 sweets)

**YEAR 4**

**Mental Arithmetic Test 12**

**Name:**

**Date:**

**1**

**2**   $\begin{matrix} 7 & 12 \\ & 9 \end{matrix}$

**3**   $61$

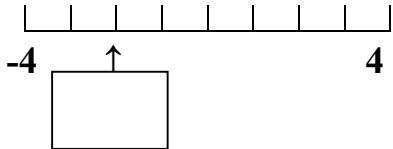
**4**   $\begin{matrix} 7 & 9 \\ 1 & 2 \end{matrix}$

**5**   $874\text{ml}$

**6**

**7**   $670$

**8**  $7618$    $7218$

**9** 

**10**

**11**

colour	Number of smarties
Red	<del>IIII</del> I
Brown	<del>IIII</del> III
Yellow	III
Green	<del>IIII</del> I
Blue	III

red smarties

**12**

$6.2$        $5.7$        $4.5$

$7.6$        $5.2$

**13**   $\pounds 1$

**14**   $180$  mins

hours

**15**   $29$  sweets

sweets  $5$  cakes