

**Wigan LEA  
Numeracy Centre**

**Year 5  
Mental Arithmetic Tests**

**Block 3**

**5**

**Produced by Wigan Numeracy Centre  
July 2001**

## Year Five Mental Arithmetic Test 13(end of week 26)

### 5 second response

1. Write the number one hundred and twenty four thousand three hundred and sixty eight in figures. **(124,368)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(98)**
3. Multiply one hundred and seven by one hundred. **(10700)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(345)**
5. It is 5825 miles from London to Los Angeles. Round this distance to the nearest one thousand miles. **(6000)**

### 10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by six. **(18)**
7. Put a ring around the smallest of the five numbers on your sheet. **(2.3)**
8. What fraction of 2kg is 500g? **( $\frac{1}{4}$ )**
9. What is 25% of £3? **(75p)**
10. Add together 48, 30 and 3? **(81)**
11. The temperature is 6°C. It falls by 10 degrees. What is the temperature now? **(-4°C)**
12. What is 4005 subtract 1999? **(2006)**
13. What is double 380? **(760)**
14. How much flour is recorded on the scale? **(3.9kg)**
15. What is 23 multiplied by 3? **(69)**

### 15 second response

16. Look at the time table on your answer sheet. What time does the 10:35 from Rainhill arrive in Wigan? **(1116)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(70°)**
18. Buns cost 25p each. How many could you buy for £2.50? **(10)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(72cm<sup>2</sup>)**
20. 52 people were on a bus. 17 people got off. How many people were left on the bus? **(35)**

## Year Five Mental Arithmetic Test 14 (end of week 28)

### 5 second response

1. Write the number three hundred and seventy thousand in figures. **(370,000)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(90)**
3. Multiply two hundred and forty by one hundred. **(24,000)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(3250)**
5. It is 1408 miles from London to Milan. Round this distance to the nearest one thousand miles. **(1000)**

### 10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by six. **(54)**
7. Put a ring around the largest of the five numbers on your sheet. **(3.3)**
8. What fraction of 4kg is 800g? **(1/5)**
9. Write in litres 568ml. **(5.68l)**
10. What is 250 more than 1000? **(1250)**
11. Look at the number sequence on your sheet. Which number is missing from the empty box?(133,144,155,**166**)
12. What is 101 minus 25? **(76)**
13. What is half of 740? **(370)**
14. 200 grams of flour are taken off the scale. How much flour is left? **( 3kg 500g or 3.5kg)**
15. What is 7 multiplied by 21? **(147)**

### 15 second response

16. Look at the timetable on your answer sheet. What time does the 11:21 train from St. Helens arrive in Wigan? **(1146)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(25°)**
18. Chocolate bars cost 17p each. How much would 4 bars cost? **(68p)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(72cm<sup>2</sup>)**
20. There are 12 eggs in a box. How many eggs in 9 boxes? **(108)**

## Year Five Mental Arithmetic Test 15(end of week 30)

### 5 second response

1. Write the number four hundred and sixty eight thousand two hundred in figures. **(468200)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(270)**
3. Multiply three point five by one hundred. **(350)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(3750)**
5. It is 2968 miles from London to New York. Round this distance to the nearest one thousand miles. **(3000)**

### 10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by nine. **(54)**
7. Put a ring around the smallest of the five numbers on your sheet. **(1.3)**
8. What fraction of £5 is £1.25? **( $\frac{1}{4}$ )**
9. What is 50% of £12.30? **(£6.15)**
10. Add together 131 and 85? **(216)**
11. Look at the number sentence on your sheet. What integer could be missing from the box? **(-7,-6,-5)**
12. What is  $620 - 380$ ? **(240)**
13. What is double 6900? **(13,800)**
14. 200 grams of flour are taken off the scale. How much flour is left? **(3.3kg or 3kg 300g)**
15. Pencils cost 7p. What would 21 pencils cost? **(£1.47)**

### 15 second response

16. Look at the timetable on your answer sheet. What time does the 11:35 train from Rainhill arrive in St. Helens?**(1151)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(35°)**
18. Apples cost 70p per kilogram. How much would 1.5kg of apples cost? **(£1.05)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle?**(10cm<sup>2</sup>)**
20. Ravi bought a pack of 32 biscuits. He ate one quarter of them. How many did he have left? **(24)**

## Year Five Mental Arithmetic Test 16(end of week 32)

### 5 second response

1. Write the number five hundred and twenty nine thousand four hundred and thirty in figures. **(529,430)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(63)**
3. Multiply five point two four by ten. **(52.4)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(3.25)**
5. It is 2050 from London to Athens. Round this distance to the nearest one thousand miles. **(2000)**

### 10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by nine. **(81)**
7. Put a ring around the largest of the five numbers on your sheet. **(303)**
8. What fraction of £12 is £9? **( $\frac{3}{4}$ )**
9. Write in kilometres 1368m? **(1.368km)**
10. What is the difference between 130 and 45? **(85)**
11. Look at the number sequence on your sheet. Which number is missing from the empty box?(47,56,65,74)
12. Which number would I add to 7.3 to make 8? **(0.7)**
13. What is half of 9400? **(4700)**
14. 200 grams of flour are taken off the scale. How much flour is left? **(2k 900g or 2.9kg)**
15. Chews cost 8p. What would 19 chews cost? **(£1.52)**

### 15 second response

16. You have to arrive in Wigan before 11:00. Which train would you catch from Liverpool? **( 09:40)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **( 135°)**
18. The deposit on a £230 chair is 50%. How much is the deposit? **(£115)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(10.5cm<sup>2</sup>)**
20. The product of two numbers is 48. One of the numbers is 12. What is the other? **(4)**

## Year Five Mental Arithmetic Test 17 (end of week 34)

### 5 second response

1. Write the number four hundred and thirty thousand seven hundred and forty **(430,740)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box **(120)**
3. Multiply 6.98 by one hundred **(698)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(10.2)**
5. It is 12052 miles from London to Sydney. Round this distance to the nearest one thousand miles **(12000)**

### 10 second response

6. Look at the numbers on your answer sheet. Write the number that is exactly divisible by seven **(56)**
7. Look at the numbers in the box. Put a ring round the number nearest to 2 **(2.02)**
8. What fraction of 1kg is 250g? **( $\frac{1}{4}$ )**
9. What is 75% of £40? **(£30)**
10. Add together 61,37 and 6 **(104)**
11. The temperature rises from  $-4^{\circ}\text{C}$  to  $9^{\circ}\text{C}$ . How many degrees does the temperature rise? **( $13^{\circ}\text{C}$ )**
12. Which number is 400 less than 1382 **(982)**
13. What is double 125? **(250)**
14. Look at the measuring cylinder. If 200ml is poured out, how much will be left? **(120ml)**
15. What is 9 squared? **(81)**

### 15 second response

16. A T.V. programme begins at 10:38 and ends at 11:00. How long did it last? **(22 min)**
17. Look at the drawing on your sheet. What is the size of angle A? **( $165^{\circ}$ )**
18. The exchange rate was 1.6 US dollars for £1. How many dollars would you get for £5? **(8)**
19. Look at the rectangle on your sheet. What is the length of side A? **(4cm)**
20. Look at the number sentence on your sheet. Which number is missing from the box? **(300)**

## Year Five Mental Arithmetic Test 18 (end of week 36)

### 5 second response

1. Write the number one million two hundred and fifty thousand in figures **(1,25000)**
2. Look at the number sentence on your sheet. Write the correct value in the box. **(56)**
3. Multiply twenty seven point four eight by one hundred **(2748)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(10.6)**
5. It is 9,981 miles from London to Madras. Round this distance to the nearest one thousand miles **(10,000)**

### 10 second response

6. Look at the numbers on your sheet. Write the number which is exactly divisible by 7 **(49)**
7. Look at the numbers in the box. Put a ring around the number which is divisible by 3 and 11 **(33)**
8. What fraction of 1km is 300m? **( $\frac{3}{10}$ )**
9. Write in kilograms 3500g **(3.5 or  $3\frac{1}{2}$ )**
10. What must I take from 220 to leave 55? **(165)**
11. Look at the number sequence on your sheet.  
Which number is missing from the box? **(-31)**
12. What is 742 subtract 210? **(532)**
13. What is half of 275? **(137.5)**
14. Look at the measuring cylinder on your sheet. If 200ml is poured from it, how much is left? **(50ml)**
15. What is  $13 \times 19$ ? **(247)**

### 15 second response

16. A television programme starts at 9:53 and lasts for 18 minutes. What time did it end? **(10:11)**
17. Look at the drawing on your sheet. What is the size of angle A? **(115 degrees)**
18. Charlie bought a car for £2,700. He had to pay 10% deposit. How much was the deposit? **(£270)**
19. Look at the rectangle on your sheet. What is the length of side A? **(7cm)**
20. What is the difference between 155 and 390? **(235)**

**YEAR 5**

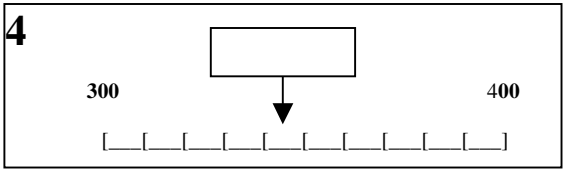
**Mental Arithmetic Test 13**

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

1 \_\_\_\_\_

2  - 33 = 65

3       107      100

4 

5  miles      5825

6       18      38  
64      58

7      23      32      33  
3.2      2.3

8       2kg      500g

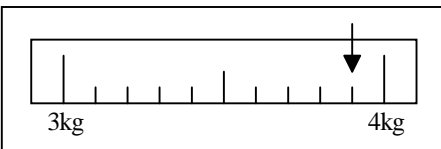
9       25%      £3

10       48      30      3

11 \_\_\_\_\_ °C

12       4005      1999

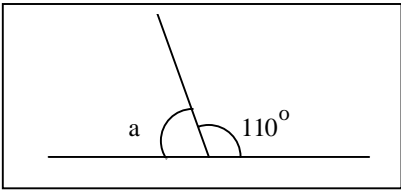
13 \_\_\_\_\_

14  

15       23      3

16 

Liverpool	0940	1010	1040	1110
Rainhill	1005	1035	1105	1135
St. Helens	1021	1051	1121	1151
Wigan	1046	1116	1146	1216

17  ° 

18       25p      £2.50

19  cm<sup>2</sup>      8cm      9cm

20       52      17

**YEAR 5**

**Mental Arithmetic Test 14**

Name:

Date:

1

2

- 35 = 55

3

240

100

4



5

 miles

1408

6

16

38

54

58

7

1.3

2.2

3.3

3.2

2.3

8

4kg

800g

9

 /

568ml

10

250

1000

11

133, 144, 155,

12

101

25

13

14



15

21

7

16

Liverpool	0940	1010	1040	1110
Rainhill	1005	1035	1105	1135
St Helens	1021	1051	1121	1151
Wigan	1046	1116	1146	1216

17

0



18

17p

4

19

 cm<sup>2</sup>

6cm

12cm

20

12

9

# YEAR 5

# Mental Arithmetic Test 15

Name:

Date:

1

2

$$\square - 150 = 120$$

3

3.5      100

4



5

2968

6

16    38  
54    58

7

1.3      2.2      3.3  
3.2      2.3

8

£5    £1.25

9

50%    £12.30

10

131    85

11

$$-8 < \square < -4$$

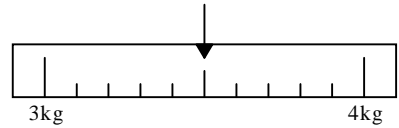
12

620    380

13

6900

14



15

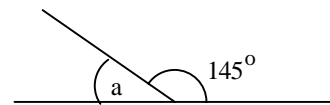
7p    21

16

Liverpool	0940	1010	1040	1110
Rainhill	1005	1035	1105	1135
St Helens	1021	1051	1121	1151
Wigan	1046	1116	1146	1216

17

<sup>0</sup>



18

70p    1.5kg

19

$\text{cm}^2$

2.5cm    4cm

20

32     $\frac{1}{4}$

**YEAR 5**

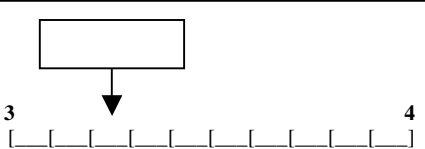
**Mental Arithmetic Test 16**

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

1 \_\_\_\_\_

2   $\div 9 = 7$

3 \_\_\_\_\_ 5.24 10

4 

5 \_\_\_\_\_ miles 2050

6 \_\_\_\_\_ 16 38  
81 58

7 103 202 303  
302 203

8 \_\_\_\_\_ £12 £9

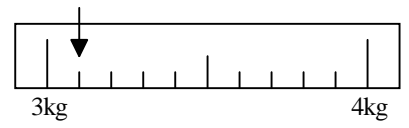
9 \_\_\_\_\_ km 1368m

10 \_\_\_\_\_ 130 45

11 47, 56, 65,

12 \_\_\_\_\_ 7.3 8

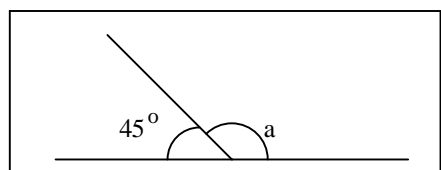
13 \_\_\_\_\_ 9400

14 

15 \_\_\_\_\_ 8p 19

16 

Liverpool	0940	1010	1040	1110
Rainhill	1005	1035	1105	1135
St Helens	1021	1051	1121	1151
Wigan	1046	1116	1146	1216

17 <sup>0</sup> 

18 \_\_\_\_\_ £230 50%

19 \_\_\_\_\_ cm<sup>2</sup> 3cm 3.5cm

20 \_\_\_\_\_ 48 12

**YEAR 5**

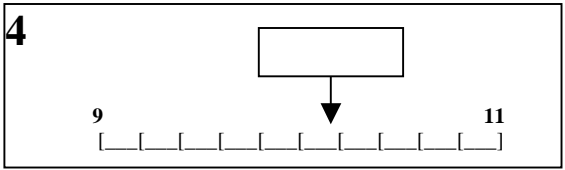
**Mental Arithmetic Test 17**

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

1 \_\_\_\_\_

2   $\div 10 = 12$

3  6.98 100

4 

5  miles 12052

6  16 38  
56 58

7 1.03 2.02 3.03  
3.02 2.03

8  1kg 250g

9.  £ 75% £40

10.  61 37 6

11  °C

12  400 1382

13  125

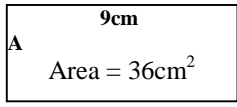
14

15

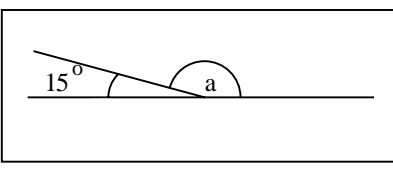
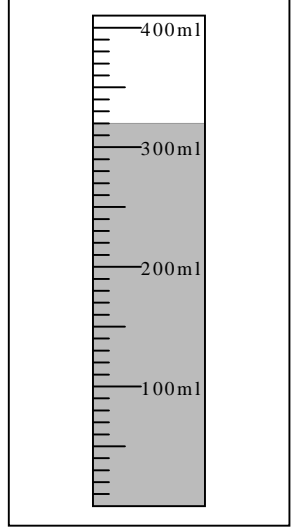
16  min

17  °

18  \$1.6 £1

19  cm 

20   $\div 15 = 20$



**YEAR 5**


**Mental Arithmetic Test 18**

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

1 \_\_\_\_\_

2   $\div 8 = 7$

3  27.48 100

4   
9  11

5  miles 9 981

6  49 48  
51 50

7 20 30 40  
33 45

8  1km 300m

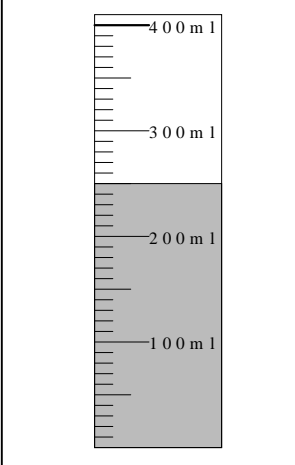
9  kg 3500g

10  220 55

11 -40, -37, -34,

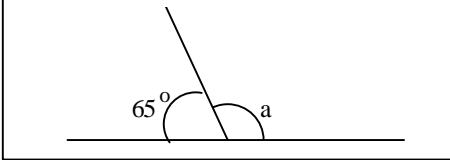
12  742 210

13  275

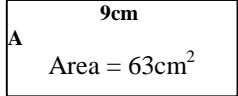
14  

15  13 19

16

17  <sup>o</sup> 

18  £2700 10%

19  cm 

20  155 390