

**Wigan LEA
Numeracy Centre**

**Year 5
Mental Arithmetic Tests**

Block 2

5

Produced by Wigan Numeracy Centre
July 2001

Year Five Mental Arithmetic Test 7 (end of week 14)

5 second response

1. Write the number thirty three thousand four hundred and sixty one in figures. (**33,461**)
2. Look at the number sentence on your sheet. Write the correct value in the missing box. (**100**)
3. Multiply one hundred and four by ten. (**1040**)
4. On your answer sheet is a scale. What is the number shown by the arrow? (**3220**)
5. It is 967 miles from London to Geneva. Round this distance to the nearest one hundred miles. (**1000**)

10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by three. (**33**)
7. Put a ring around the smallest of the five amounts on your sheet. (**2/10**)
8. Write in metres 12.75km (**12,750**)
9. What is one tenth of £1.50? (**15p**)
10. Add together 57, 20 and 11? (**88**)
11. Look at the thermometer on your sheet. What temperature does this thermometer show? (**-3°C**)
12. 570 add a number is 620. What is the number? (**50**)
13. What is double 56? (**112**)
14. What is the distance between the two arrows? (**35**)
15. John saves 50 pence per week. How much would John have saved after 36 weeks? (**£18**)

15 second response

16. Look at the timetable on your answer sheet. How long is the journey from Rainhill to St. Helens? (**16 min**)
17. Look at the drawing on your answer sheet. Estimate the size of angle A? (**70 degrees ± 5 degrees**)
18. Sue saves 10p a week for one year. How much did she save? (**£5.20**)
19. Look at the rectangle on your answer sheet. What is the perimeter of the rectangle? (**28cm**)
20. How many centimetres are equivalent to 3.67 metres?
(**367**)

Year Five Mental Arithmetic Test 8 (end of week 16)

5 second response

1. Write the number seventy eight thousand in figures.
(78000)
2. Look at the number sentence on your sheet. Write the correct value in the missing box. (147)
3. Multiply two hundred and fifty by ten. (2500)
4. On your answer sheet is a scale. What is the number shown by the arrow? (32500)
5. It is 1408 miles from London to Milan. Round this distance to the nearest one hundred miles. (1400)

10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by three. (93)
7. Put a ring around the largest of the five amounts on your sheet. (5/8)
8. What is 75% of £10? (£7.50)
9. What is one tenth of £7.40? (74p)
10. How much more is 120 than 75? (45)
11. Look at the number sequence on your sheet. Which number is missing from the empty box? (42,36,30, 24)
12. What is 4000 subtract 3? (3997)
13. What is half of 116? (58)
14. What is the distance between the two arrows? (45)
15. What is 24 multiplied by 50? (1200)

15 second response

16. Look at the timetable on your answer sheet. How long is the journey from Liverpool to St. Helens? (41 min)
17. Look at the drawing on your answer sheet. Estimate the size of angle A? (135 degrees \pm 5 degrees)
18. Four people paid a total of £72 for football tickets. What was the cost of each ticket? (£18)
19. Look at the rectangle on your answer sheet. What is the length of side A? (6 cm)
20. Look at the diagram on your answer sheet. Is angle A an acute, obtuse or right angle? (right angle)

Year Five Mental Arithmetic Test 9 (end of week 18)

5 second response

1. Write the number sixty nine thousand three hundred in figures. **(69,300)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(237)**
3. Multiply two point four by ten. **(24)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(32900)**
5. It is 32,968 miles from London to New York. Round this distance to the nearest one hundred miles. **(33,000)**

10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by three and five. **(30)**
7. Put a ring around the smallest of the five numbers on your sheet. **(1000)**
8. What is $\frac{1}{4}$ of £10? **(£2.50)**
9. What is 10% of £3.50? **(35p)**
10. Add 78 and 73? **(151)**
11. The temperature was -2°C . It rises by 6°C . What is the temperature now? **(4°C)**
12. What is 3006 take away 12? **(2994)**
13. What is double 78? **(156)**
14. How much flour is recorded on the scale? **(3.5 kg)**
15. What is the product of 11 and 25? **(275)**

15 second response

16. Look at the timetable on your answer sheet. How long is the journey from Rainhill to Wigan? **(41min)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(80°)**
18. Joe buys four 35p stamps. How much did the stamps cost altogether? **(£1.40)**
19. Look at the rectangle on your answer sheet. What is the length of side A? **(4 cm.)**
20. Look at the diagram on your answer sheet. Is angle A an acute, obtuse or right angle? **(obtuse)**

Year Five Mental Arithmetic Test 10 (end of week 20)

5 second response

1. Write the number forty eight thousand five hundred and twenty in figures. **(48,520)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(96)**
3. Multiply six point nine by ten. **(69)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(32300)**
5. It is 9981 miles from London to Madras. Round this distance to the nearest one hundred miles. **(10,000)**

10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by four. **(36)**
7. Put a ring around the largest of the five numbers on your sheet. **(1100)**
8. What is $\frac{3}{4}$ of £5? **(£3.75)**
9. Write in metres 268cm. **(2.68m)**
10. What is 164 minus 51? **(113)**
11. Look at the number sequence on your sheet. Which number is missing from the empty box? **(200,225,250,275)**
12. What is 705 subtract 487? **(218)**
13. What is half of 134? **(67)**
14. How much flour is recorded on the scale? **(3.3kg)**

15 second response

15. Balloons cost 25p. How much would 13 balloons cost? **(£3.25)**
16. Look at the timetable on your answer sheet. How long is the journey from Liverpool to Wigan? **(1h 6min)**
17. Look at the drawing on your answer sheet. Estimate the size of angle A? **($170^\circ \pm 5^\circ$)**
18. Petrol cost 61.5p per litre. How much would two litres cost? **(£1.23)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(12cm²)**
20. Look at the diagram on your answer sheet. Is angle A an acute, obtuse or right angle? **(acute)**

Year Five Mental Arithmetic Test 11(end of week 22)

10 second response

1. Write the number forty thousand nine hundred and twenty seven in figures. **(40,927)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(51)**
3. Multiply twelve point five by ten. **(125)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(325)**
5. It is 1621 miles from London to Rome. Round this distance to the nearest one thousand miles. **(2000)**

15 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by four. **(44)**
7. Put a ring around the smallest of the five numbers on your sheet. **(0.1)**
8. What is $\frac{2}{10}$ of 1km? **(200m)**
9. What is 10% of £3.60? **(36p)**
10. An apple costs 23 pence. An orange costs 25 pence. How much are they altogether? **(48p)**
11. The temperature falls from 7°C to -2°C. How many degrees does the temperature fall? **(9°C)**
12. What is 428 take away 43? **(385)**
13. What is double 420? **(840)**
14. How much flour is recorded on the scale? **(3.7kg)**
15. What is 23 multiplied by 5? **(115)**

15 second response

16. Look at the timetable on your answer sheet. How long is the journey from St. Helens to Wigan? **(25min.)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(50°)**
18. Jill bought a can of paint for £7.25. How much change did she get from £10? **(£2.75)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(49cm²)**
20. How many years are equivalent to one century? **(100)**

Year Five Mental Arithmetic Test 12(end of week 24)

5 second response

1. Write the number sixty one thousand three hundred and seven in figures. **(61,307)**
2. Look at the number sentence on your sheet. Write the correct value in the missing box. **(86)**
3. Multiply three hundred and twenty four by one hundred. **(32400)**
4. On your answer sheet is a scale. What is the number shown by the arrow? **(375)**
5. It is 8651 miles from London to Kabul. Round this distance to the nearest one thousand miles. **(9000)**

10 second response

6. Look at the numbers on your answer sheet. Write the number which is exactly divisible by eight. **(64)**
7. Put a ring around the largest of the five numbers on your sheet. **(11.1)**
8. What is $\frac{1}{2}$ of 7km? **(3.5km or 3km 500m)**
9. Write in kilograms 7520g. **(7.520kg or 7.52kg)**
10. What must I take from 150 to leave 95? **(55)**
11. Look at the number sequence on your answer sheet. Write the missing number in the box. (1,2,4,8,**16**)
12. What is 3.1 subtract 1.6? **(1.5)**
13. What is half of 680? **(340)**
14. How much flour is recorded on the scale? **(3.9kg)**
15. What is 47 multiplied by 5? **(235)**

15 second response

16. Look at the timetable on your answer sheet. How long is the journey from Liverpool to Rainhill? **(25 min)**
17. Look at the drawing on your answer sheet. What is the size of angle A? **(20°)**
18. How many toys costing £1.50 each can you buy for £8? **(5)**
19. Look at the rectangle on your answer sheet. What is the area of the rectangle? **(56cm²)**
20. A full bucket holds 5 $\frac{1}{2}$ litres. A full jug holds $\frac{1}{2}$ a litre. How many jugs of water will fill the bucket? **(11 jugs)**

YEAR 5

Mental Arithmetic Test 7

Name: _____ **Date:** _____

1 _____

2 _____ - 11 = 89

3 _____ 104 10

4 _____
3200 _____ 3300

5 _____ miles 967

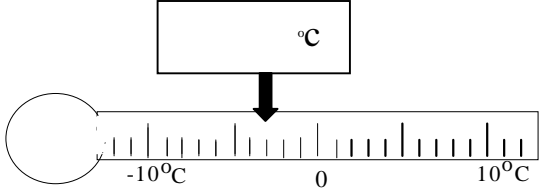
6 _____ 13 37
33 32

7 $\frac{1}{2}$ $\frac{1}{3}$ $\frac{2}{10}$
 $\frac{1}{4}$ $\frac{5}{8}$

8 _____ m 12.75km

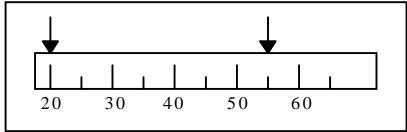
9 _____ $\frac{1}{10}$ £1.50

10 _____ 57 20 11

11 _____ °C


12 _____ 570 620

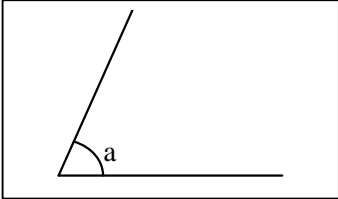
13 _____

14 _____


15 _____ 50p 36

16 _____

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

17 _____ °


18 _____

19 _____ cm 7.5cm
6.5cm

20 _____ cm 3.67m

YEAR 5

Mental Arithmetic Test 8

Name:

Date:

1

2

$- 10 = 137$

3

250

10

4

32000



33000



5

miles

1408

6

73

37

93

49

7

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{2}{10}$

$\frac{1}{4}$

$\frac{5}{8}$

8

75%

£10

9

$\frac{1}{10}$

£7.40

10

120

75

11

42, 36, 30,

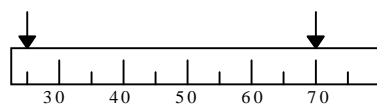
12

4000

3

13

14



15

24

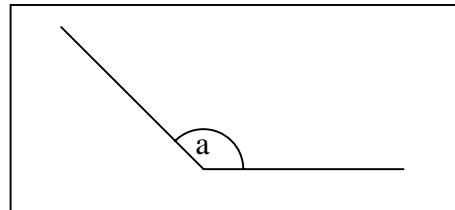
50

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

4

£72

19

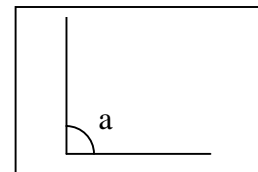
cm

8cm

A

Perimeter = 28cm

20



YEAR 5

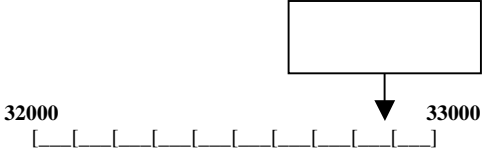
Mental Arithmetic Test 9

Name: _____ Date: _____

1 _____

2 - 100 = 137

3 2.4 10

4 

5 miles 32968

6 30 10
93 25

7 1000 1001 1010
1100 1011

8 $\frac{1}{4}$ £10

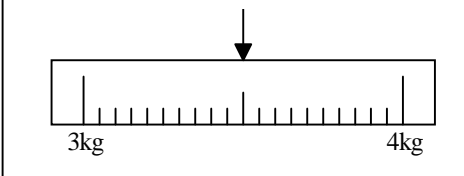
9 10% £3.50

10 78 73

11 °C

12 3006 12

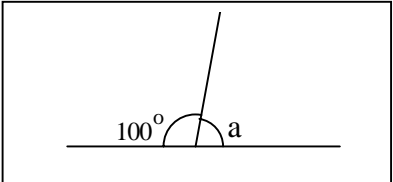
13

14 

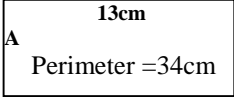
15 11 25

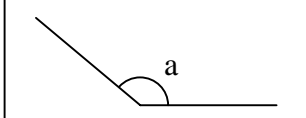
16

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

17 0 

18 4 35p

19 cm 

20 

YEAR 5

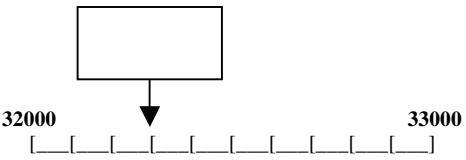
Mental Arithmetic Test 10

Name: _____ Date: _____

1 _____

2 - 32 = 64

3 6.9 10

4


5 miles 9981

6 10 36
42 50

7 1000 1001 1010
1100 1011

8 $\frac{3}{4}$ £5

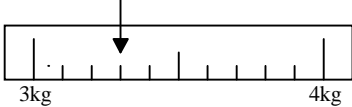
9 m 268cm

10 164 51

11 200, 225, 250,

12 705 487


13

14


15 25p 13

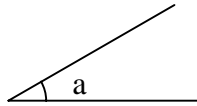
16

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

17 0 

18 2 61.5p

19 cm² 4cm
3cm

20 

YEAR 5

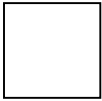
Mental Arithmetic Test 11

Name:

Date:

1

2



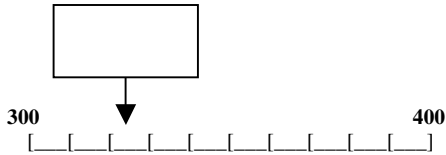
$$- 26 = 25$$

3

12.5

10

4



5

miles

1621

6

10

38

44

50

7

1

0.1

10

11

1.1

8

$\frac{2}{10}$

1km

9

10%

£3.60

10

p

23p

25p

11

$^{\circ}\text{C}$

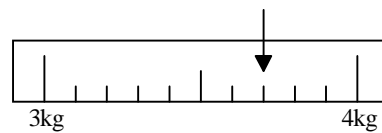
12

428

43

13

14



15

23

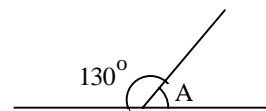
5

16

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

17

$^{\circ}$



18

£7.25

£10

19

cm^2

7cm

7cm

20

years

YEAR 5

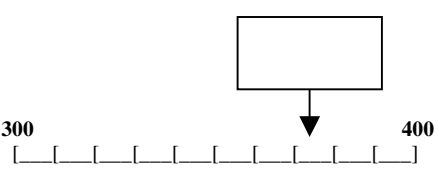
Mental Arithmetic Test 12

Name: _____ Date: _____

1 _____

2 - 21 = 65

3 324 100

4 

5 miles 8651

6 18 38
64 58

7 10.1 0.1 10
11.1 1.1

8 $\frac{1}{2}$ 7km

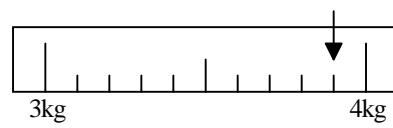
9 kg 7520g

10 150 95

11 1, 2, 4, 8,

12 3.1 1.6

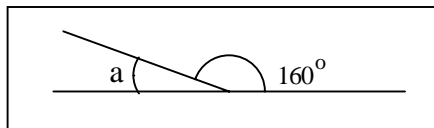
13

14 

15 47 5

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 £1.50 £8

19 cm² 8cm
 7cm

20 $5\frac{1}{2}/$ $\frac{1}{2}/$