

Year 5
Mental Arithmetic Tests

5

Year Five Mental Arithmetic Test 13

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? **(72cm²)**
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

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? **(72cm²)**
20. There are 12 eggs in a box. How many eggs in 9 boxes? **(108)**

Year Five Mental Arithmetic Test 15

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? **(10cm²)**
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

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? **(10.5cm²)**
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

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°C to 9°C . How many degrees does the temperature rise? **(13°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°)**
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

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 13×19 ? **(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

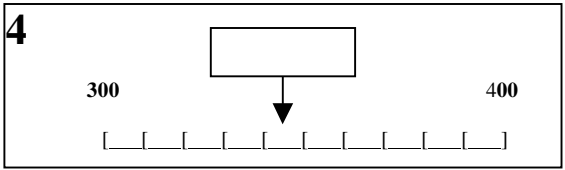
Mental Arithmetic Test 13

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

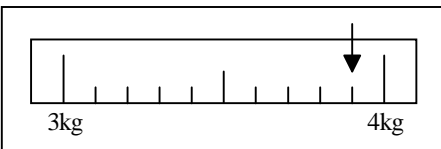
9 25% £3

10 48 30 3

11 _____ °C

12 4005 1999

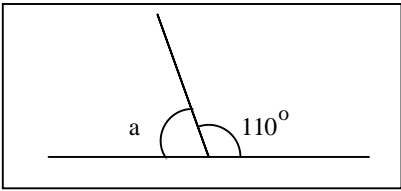
13 _____

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 cm² 8cm 9cm

20 52 17

YEAR 5

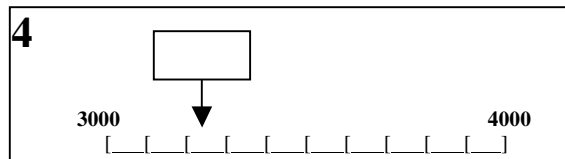
Mental Arithmetic Test 14

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

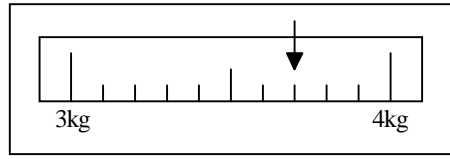
9 / 568ml

10 250 1000

11 133, 144, 155,

12 101 25

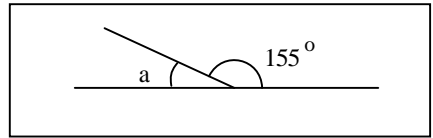
13 _____

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 ° 

18 17p 4

19 cm² 6cm 12cm

20 12 9

YEAR 5

Mental Arithmetic Test 15

Name:

Date:

1

2

$$\square - 150 = 120$$

3

$$3.5 \quad 100$$

4



5

2968

6

$$\begin{array}{r} 16 \quad 38 \\ 54 \quad 58 \end{array}$$

7

$$\begin{array}{cccc} 1.3 & & 2.2 & & 3.3 \\ & & 3.2 & & 2.3 \end{array}$$

8

$$\pounds 5 \quad \pounds 1.25$$

9

$$50\% \quad \pounds 12.30$$

10

$$131 \quad 85$$

11

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

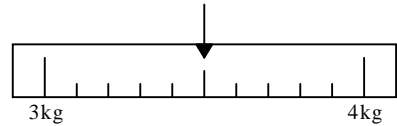
12

$$620 \quad 380$$

13

6900

14



15

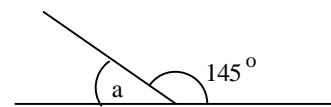
$$7p \quad 21$$

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

$$70p \quad 1.5kg$$

19

cm²

$$2.5cm \quad 4cm$$

20

$$32 \quad 3$$

YEAR 5

Mental Arithmetic Test 16

Name:

Date:

1

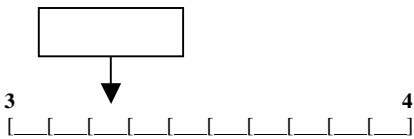
2

$$\square \div 9 = 7$$

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, \square

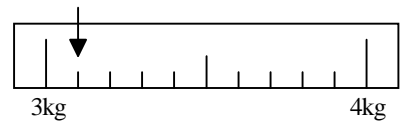
12

7.3 8

13

9400

14



15

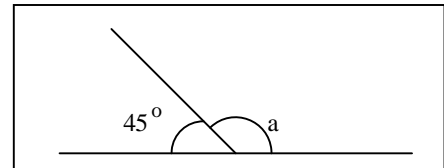
8p 19

16

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

17

0



18

£230 50%

19

cm²

3cm 3.5cm

20

48 12

YEAR 5

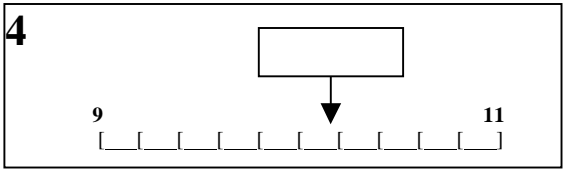
Mental Arithmetic Test 17

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

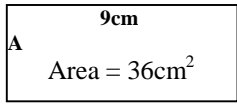
14

15

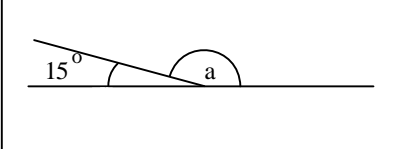
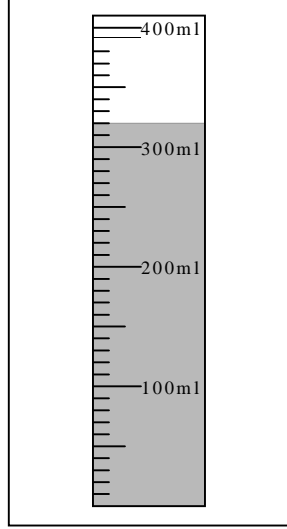
16 min

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

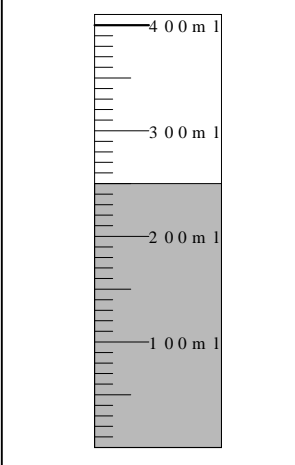
9 kg 3500g

10 220 55

11 -40, -37, -34,

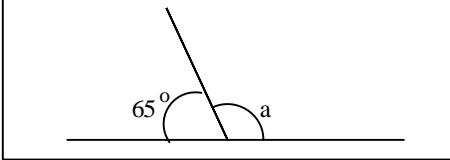
12 742 210

13 275

14 

15 13 19

16

17 ⁰ 

18 £2700 10%

19 cm 9cm
A Area = 63cm²

20 155 390