Write your name here

Surname	Other names

Pearson Edexcel Award

Centre Number | | | | | |

Candidate Number | | | | |

Number and Measure

Level 1
Section A (Calculator)

Thursday 8 May 2014 – Morning
Time: 1 hour

Paper Reference
ANM10/1A

You must have: Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser, calculator.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – *there may be more space than you need.*
- **Calculators may be used.**
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Information

- The total mark for this section is 50
- The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ▶

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P 4 3 6 2 4 R A 0 1 1 2

PEARSON

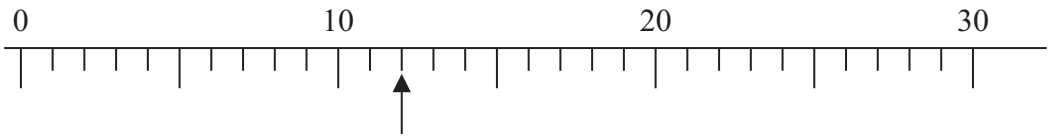
Section A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

1



(a) Write down the number shown by the arrow.

.....

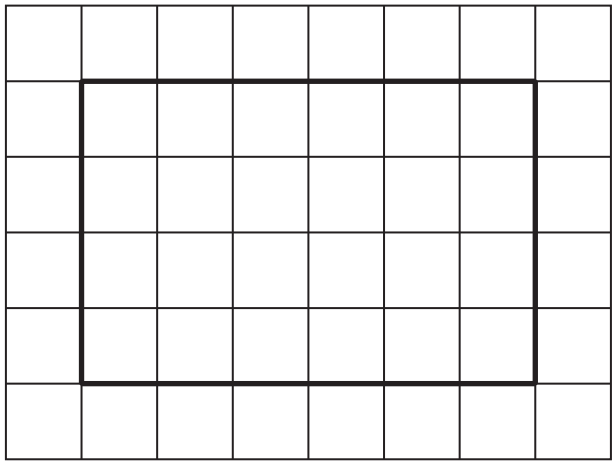
(1)

(b) On the scale show a reading of 38

(1)

(Total for Question 1 is 2 marks)

2 Here is a rectangle drawn on a grid of centimetre squares.



Work out the perimeter of the rectangle.

..... cm

(Total for Question 2 is 2 marks)

3 Here is a bus timetable.

Sudbury	0705	0735	0910	1010	1110	1210	1310	1410
Long Melford	0715	0745	0917	1017	1117	1217	1317	1417
Acton	0720	0750	0927	1027	1127	1227	1327	1427
Great Waldingfield	0725	0755	0930	1030	1130	1230	1330	1430
Lavenham	0735	0805	0940	1040	1140	1240	1340	1440
Cockfield	0742	0812	0947	1047	1147	1247	1347	1447
Stanningfield	0748	0818	0952	1052	1152	1252	1352	1452
Sicklesmere	0753	0823	0957	1057	1157	1257	1357	1457
Bury St Edmunds	0810	0840	1010	1110	1210	1310	1410	1510

(a) What time does the 0910 bus from Sudbury get to Lavenham?

.....

(1)

Jim lives in Acton.
He needs to be in Bury St Edmunds by 1130

(b) What time is the latest bus he can catch in Acton?

.....

(1)

A bus leaves Long Melford at 1117

(c) How long does the bus take to get to Bury St Edmunds?

..... minutes

(2)

(Total for Question 3 is 4 marks)

4 (a) Use your calculator to work out

(i) 5.67 + 28.75 – 4.9

.....

(ii) 2.43 ÷ 0.75

.....

(iii) 18.6 × 3.5

.....

(3)

(b) Write 7.32 correct to one decimal place.

.....

(1)

(Total for Question 4 is 4 marks)

---

5 Becky buys

2 bottles of water at 85p each
1 packet of sandwiches for £2.75
1 sausage roll for £1.95
2 packets of crisps at 45p each

Becky pays with a £10 note.

How much change should she get?

£.....

(Total for Question 5 is 4 marks)

---

6 (a) Work out $\frac{3}{5}$ of 200

.....

(2)

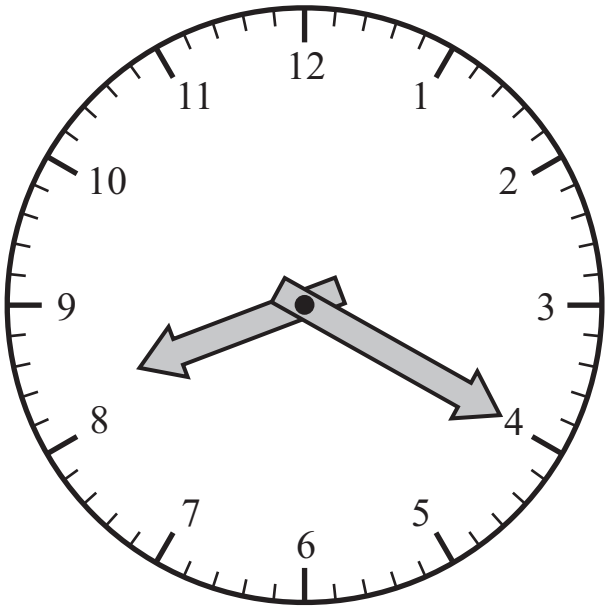
(b) Work out 25% of 60

.....

(2)

(Total for Question 6 is 4 marks)

7



(a) It is **morning**.
Write down the time shown on the clock.

.....

(2)

(b) How many seconds are there in $3\frac{1}{2}$ minutes?

.....seconds

(2)

(Total for Question 7 is 4 marks)

8 Jason invests £200 at 4% interest for one year.

Work out 4% of £200

£.....

(Total for Question 8 is 2 marks)

9 (a) Change 2.5 kg into grams.

..... grams

(1)

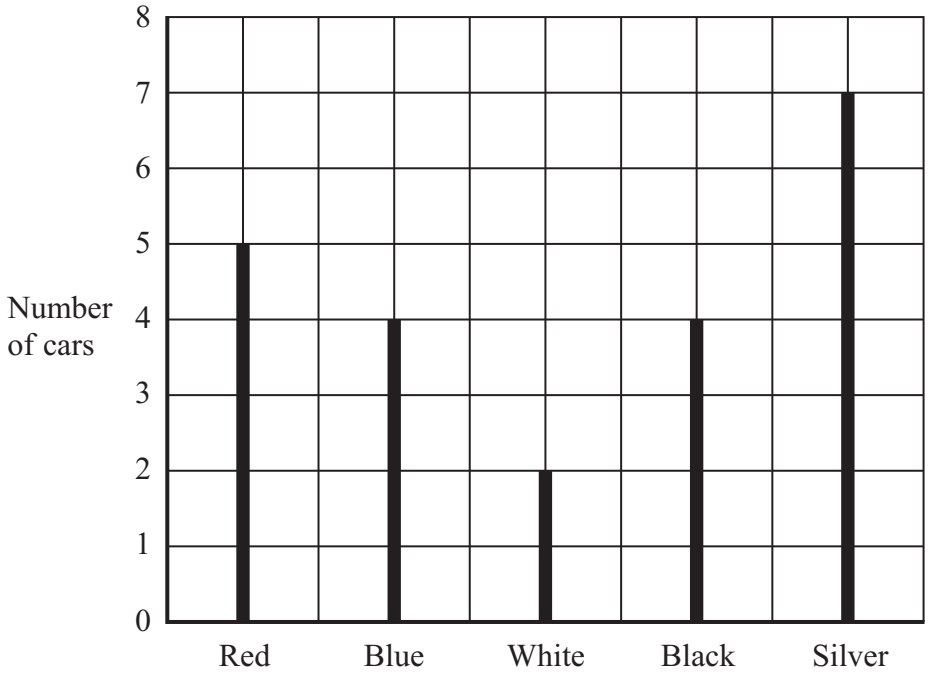
(b) Work out 2 m 40 cm + 5 m 75 cm – 3 m 80 cm

.....

(2)

(Total for Question 9 is 3 marks)

10 The line graph shows the colours of cars in a car park



(a) How many cars are blue?

.....

(1)

(b) Which colour of car is there most of in the car park?

.....

(1)

(c) How many cars are in the car park?

.....

(2)

(Total for Question 10 is 4 marks)

11 (a) Measure the length of the line AB.

.....

(2)

(b) Draw an angle of 120° at point P.

(1)

(Total for Question 11 is 3 marks)

---

12 (a) Write these numbers in order of size.
Start with the smallest number.

56 100 79 32 86 20

.....

(1)

(b) Write these numbers in order of size.
Start with the smallest number.

3.75 5.6 1.9 0.8 2.01

.....

(1)

(c) Write these percentages in order of size.
Start with the smallest percentage.

85% 15% 60% 10%

.....

(1)

(Total for Question 12 is 3 marks)

---

13 Here is part of a calendar for July 2014.

July 2014						
Mon	**Tues**	**Weds**	**Thurs**	**Fri**	**Sat**	**Sun**
	1	2	3	4	5	6
7	8	9	10	11	12	13

(a) What day of the week is the 25th July 2014?

.....

(1)

(b) What is the date two weeks after the 26th of July 2014?

.....

(2)

(Total for Question 13 is 3 marks)

14 Here is part of Tom's gas bill.

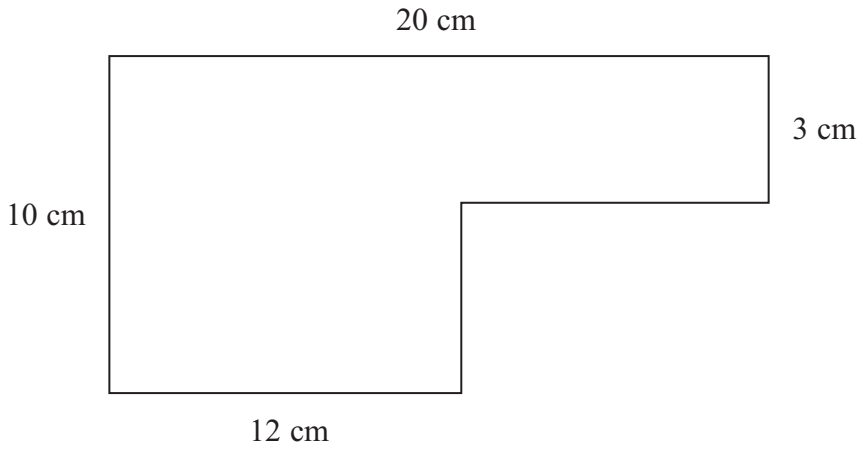
Gas Bill	April 2014
T. Jones 4 Valley Road London	
Reading 1st April	5402 units
Reading 1st January	4965 units
Number of units used	..... units
Cost: £0.12 per unit	

Work out the total cost of the units used.

£.....

(Total for Question 14 is 4 marks)

15 Here is a shape made from rectangles.



Work out the total area of the shape.

..... cm^2

(Total for Question 15 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

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Write your name here

Surname	Other names

Pearson Edexcel Award

Centre Number | | | | | |

Candidate Number | | | | |

Number and Measure

Level 1
Section B (Non-Calculator)

Thursday 8 May 2014 – Morning
Time: 30 minutes

Paper Reference
ANM10/1B

You must have: Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – *there may be more space than you need.*
- **Calculators must not be used.**

Information

- The total mark for this section is 30
- The total mark for this paper is 80
- The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ▶

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P 4 3 6 2 5 A 0 1 0 8

PEARSON

Section B

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

You must NOT use a calculator for this section.

1 (a) Work out £5.00 + £4.50

£.....

(1)

(b) Work out 705 – 372

.....

(2)

(c) Work out 3.55 + 17.1 + 0.9

.....

(2)

(d) Work out 263 × 8

.....

(2)

(Total for Question 1 is 7 marks)

2 (a) Which unit can be used for the weight of a chicken?

.....

(1)

(b) Which unit can be used for the distance from Birmingham to Cardiff ?

.....

(1)

(c) Which unit can be used for the amount of milk in a container?

.....

(1)

(Total for Question 2 is 3 marks)

3 (a) Work out 3500 ÷ 100

.....

(1)

(b) Work out 4 × 9

.....

(1)

(c) Write the number **five hundred and seventy** in figures.

.....

(1)

(d) Write the number 564 to the nearest hundred.

.....

(1)

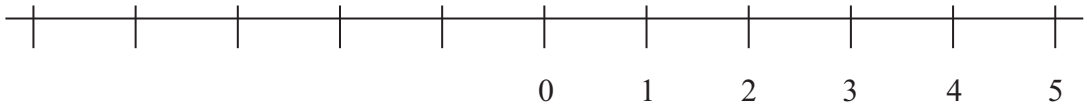
(e) What is the value of the number **3** in 5.36?

.....

(1)

(Total for Question 3 is 5 marks)

4 Here is part of a number line.



(a) Complete the number line to show the numbers –1, –2, –3, –4 and –5

(1)

(b) Work out –2 + 5

.....

(1)

(c) Work out –2 – 3

.....

(1)

(d) Write these numbers in order of size.
Start with the smallest number.

–2 2 0 5 – 4 –1

.....

(1)

(Total for Question 4 is 4 marks)

5 (a) Write down a factor of 12

.....

(1)

(b) Write down a prime number between 10 and 20

.....

(1)

(Total for Question 5 is 2 marks)

6 Here is a list of fractions

$$\frac{1}{4} \qquad \frac{2}{3} \qquad \frac{3}{6} \qquad \frac{3}{4} \qquad \frac{2}{4}$$

Two of the fractions in the list are equal.

(a) Which two fractions?

..... and .....

(1)

(b) Which fraction is the biggest?

.....

(1)

(c) Write $\frac{3}{6}$ in its simplest form.

.....

(1)

(d) Write $\frac{1}{4}$ as a decimal.

.....

(1)

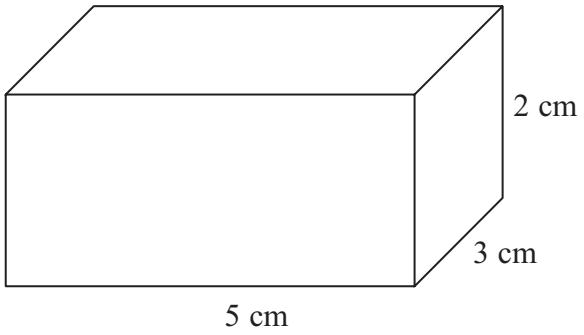
(e) Write $\frac{3}{4}$ as a percentage.

.....%

(1)

(Total for Question 6 is 5 marks)

7 Work out the volume of this cuboid.



.....

(Total for Question 7 is 3 marks)

8 Work out $\frac{11}{12} - \frac{5}{12}$

.....

(Total for Question 8 is 1 mark)

TOTAL FOR SECTION B IS 30 MARKS
TOTAL FOR PAPER IS 80 MARKS

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