

Write your name here

Surname

Other names

Pearson
Edexcel Award

Centre Number

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Candidate Number

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Number and Measure

Level 1

Section A (Calculator)

Tuesday 7 January 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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PEARSON

Section A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

1 Here is some information about some students.

Student	Age	Gender	Lunch	Travels to school by
Ann	14	female	school lunch	walking
Ben	16	male	packed lunch	bus
Carla	15	female	school lunch	bike
Dave	16	male	school lunch	walking
Eric	15	male	packed lunch	bike

(a) How old is Ann?

.....
(1)

(b) How many students are male?

.....
(1)

(c) Which students have a packed lunch?

.....
(1)

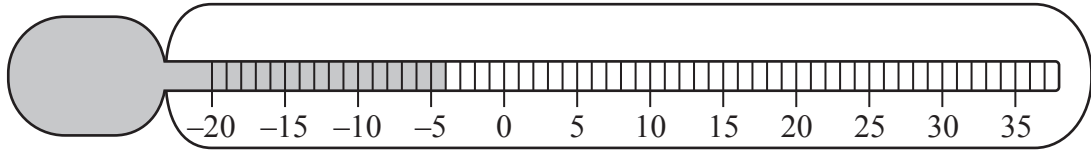
(d) Which student travels to school by bike and has a school lunch?

.....
(1)

(Total for Question 1 is 4 marks)

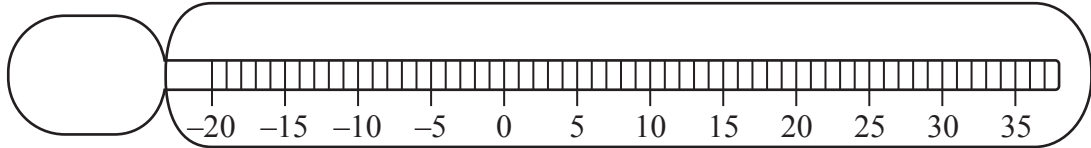


2



(a) Write down the reading on the thermometer.

.....
(1)



(b) On the thermometer show a reading of 8°C.

(1)

(Total for Question 2 is 2 marks)

3 Using your calculator, work out

(a) $7.85 + 6.2 - 9.36$

.....
(1)

(b) 20.5×2.75

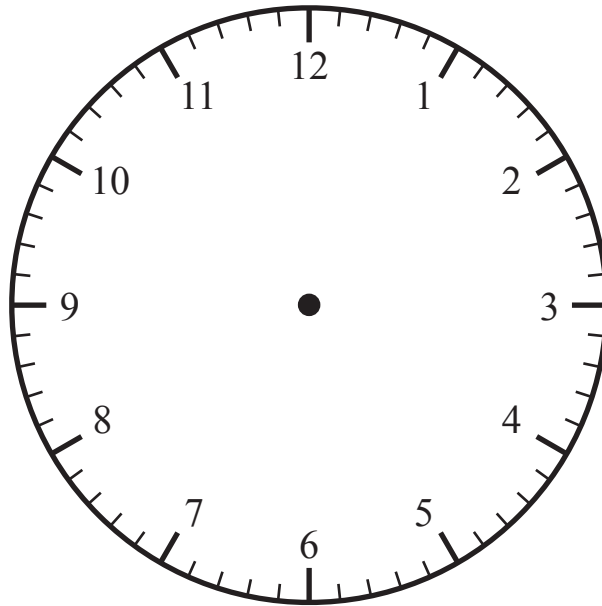
.....
(1)

(c) $12 \div 2.56$

.....
(1)

(Total for Question 3 is 3 marks)





(a) Draw hands on this clock to show a time of 8 20 am.

(1)

(b) How long is it from 8 20 am to 3 05 pm?

.....
(2)

(Total for Question 4 is 3 marks)

5 (a) Change 1.8 metres into centimetres.

..... centimetres
(1)

(b) Change 3500 grams into kilograms.

..... kilograms
(1)

(c) Change 480 seconds into minutes.

..... minutes
(1)

(Total for Question 5 is 3 marks)



6 Sybil goes shopping and buys

- 2 magazines at £2.95 each
- 1 packet of sweets for 95p
- 3 bottles of water at 85p each

How much change should she get from £20?

.....
(Total for Question 6 is 4 marks)

7 (a) Work out $3.08 \text{ g} + 2.75 \text{ g}$

.....
(1)

(b) Work out $10 \text{ kg} - 7.3 \text{ kg}$

.....
(2)

(Total for Question 7 is 3 marks)



8 Here is part of the train timetable from Ipswich to London.

Ipswich	07 08	07 17	07 49	08 20	08 26	08 43	09 09	09 43
Manningtree	07 18	07 27	07 59	↓	08 36	08 53	09 19	09 53
Colchester	07 27	07 37	08 10	↓	08 45	09 02	09 30	10 03
Marks Tey	07 35	↓	08 18	↓	08 52	↓	↓	10 10
Stratford	↓	08 28	08 52	↓	09 28	↓	↓	10 45
London	08 23	08 40	09 04	09 24	09 40	09 56	10 19	10 57

(a) Which train should you catch from Ipswich to get to London by 09 00?

.....
(1)

(b) What time does the 08 53 train from Manningtree get to London?

.....
(1)

(Total for Question 8 is 2 marks)

9 Here is a list of numbers

6 8 11 12 15 19 24 36 48

From the numbers in the list,

(a) write down a prime number,

.....
(1)

(b) write down a factor of 24,

.....
(1)

(c) write down a multiple of 12

.....
(1)

(Total for Question 9 is 3 marks)



10 (a) Work out $\frac{3}{4}$ of 60

.....
(2)

(b) Work out 40% of 80

.....
(2)

(Total for Question 10 is 4 marks)

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

39 62 23 60 29

.....
(1)

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

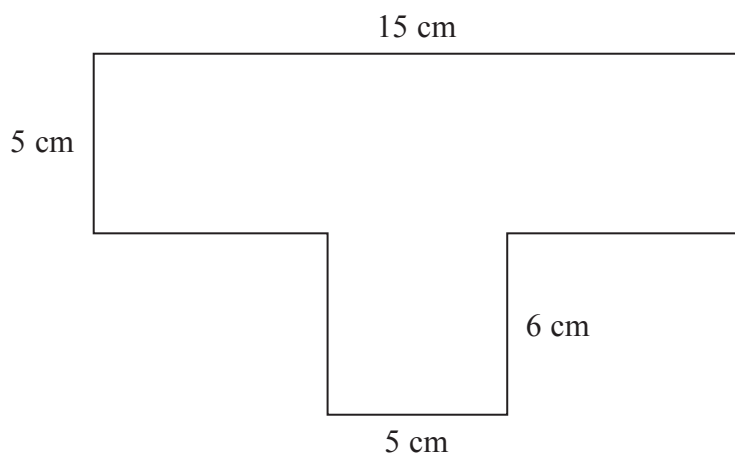
0.4 25% 0.75 60%

.....
(2)

(Total for Question 11 is 3 marks)



12 Here is a shape made from 2 rectangles.



Work out the area of the shape.

..... cm²

(Total for Question 12 is 4 marks)

13 Nisha invests £500 for one year at 3% interest.

Work out 3% of £500.

£.....

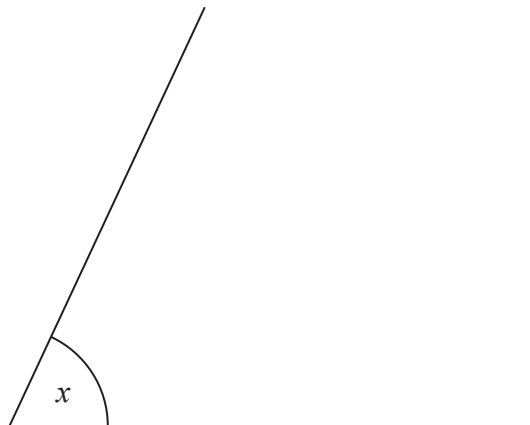
(Total for Question 13 is 2 marks)



14 (a) In the space below, draw a line of length 12 cm.

(1)

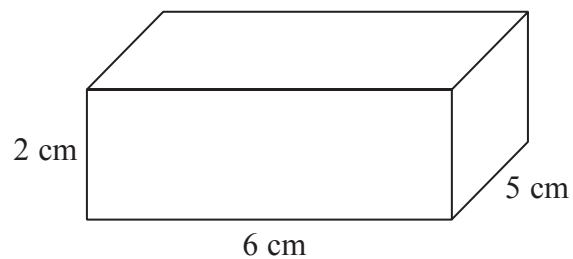
(b) Measure and write down the size of the angle marked x .



(1)

(Total for Question 14 is 2 marks)

15 Here is a cuboid.



Work out the volume of the cuboid.

(Total for Question 15 is 3 marks)



16 Write 3.28 to the nearest whole number.

.....
(Total for Question 16 is 1 mark)

17 Here is part of Bob's mobile phone bill for January 2014.

Mobile Phone Bill		January 2014
		Bob Evans 5 Hillside Ave London
Calls	120 minutes	
Texts	500	
Calls	5p per minute	
Texts	10p each	

Work out how much Bob had to pay.

£.....

(Total for Question 17 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS



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Write your name here

Surname

Other names

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Centre Number

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Number and Measure

Level 1

Section B (Non-Calculator)

Tuesday 7 January 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

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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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Section B

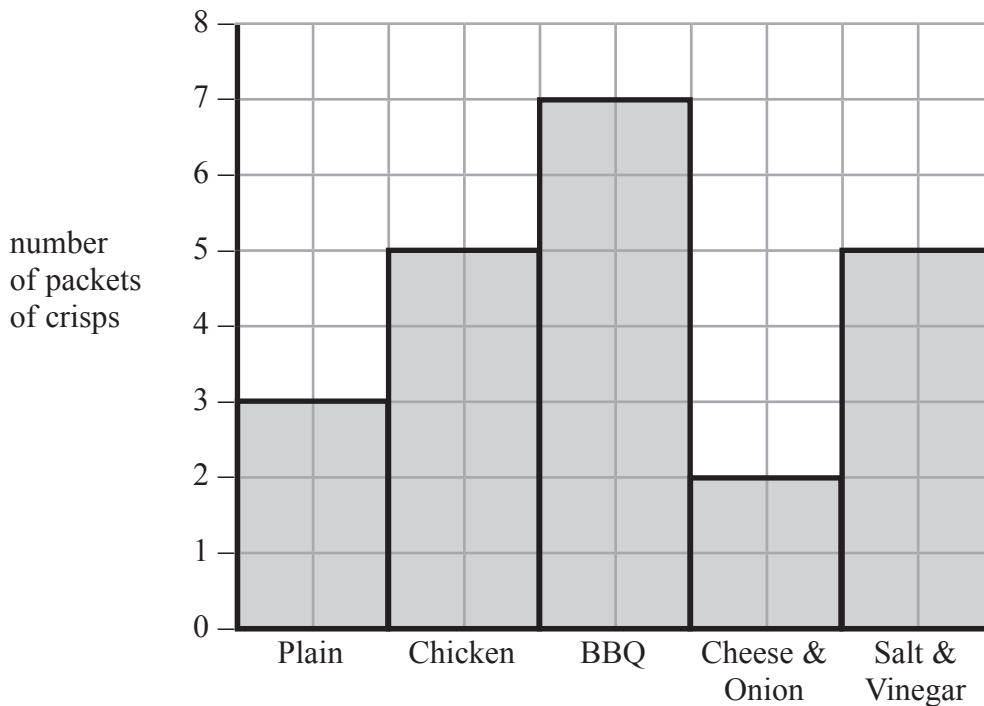
Answer ALL questions.

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 The bar chart shows information about packets of crisps.



(a) How many packets were Chicken?

.....
(1)

(b) What is the total number of packets of crisps?

.....
(2)

(Total for Question 1 is 3 marks)



2 (a) Work out $56 + 84$

.....
(2)

(b) Work out $5.95 - 2.83$

.....
(2)

(c) Work out 6.8×5

.....
(2)

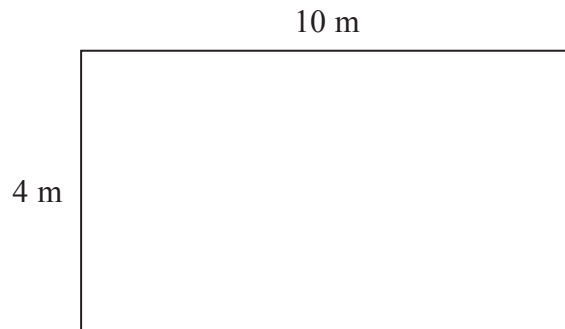
(d) Work out $224 \div 8$

.....
(2)

(Total for Question 2 is 8 marks)



3 Here is a rectangle.



Work out the perimeter of the rectangle.

..... m

(Total for Question 3 is 2 marks)

4 (a) Which unit can be used for the height of a house?

.....
(1)

(b) Which unit can be used for the weight of a bag of potatoes?

.....
(1)

(Total for Question 4 is 2 marks)

5 (a) Work out 25×100

.....
(1)

(b) Work out $72 \div 9$

.....
(1)

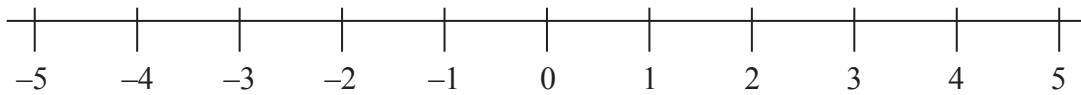
(c) Write the number 678 to the nearest ten.

.....
(1)

(Total for Question 5 is 3 marks)



6 Here is a number line.



(a) Work out $3 - 4$

.....
(1)

(b) Work out $-5 + 8$

.....
(1)

(Total for Question 6 is 2 marks)

7 Here is part of a calendar for June 2015

June 2015						
Mon	Tues	Weds	Thurs	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	

(a) Complete the calendar for June 2015

(1)

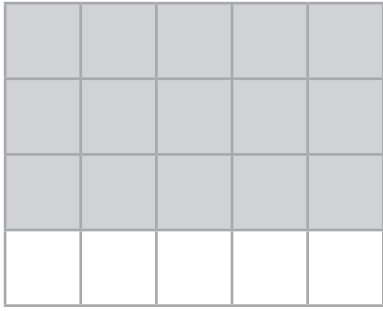
(b) What is the day and date one week after the 27th of June?

.....
(2)

(Total for Question 7 is 3 marks)



8



(a) What fraction of this shape is shaded?

.....
(1)

(b) Write $\frac{3}{9}$ in its simplest form.

.....
(1)

(c) Write 50% as a fraction.

.....
(1)

(d) Write $\frac{3}{4}$ as a decimal.

.....
(1)

(e) Write an equivalent fraction for $\frac{2}{3}$

.....
(1)

(f) Write 0.4 as a fraction

.....
(1)

(Total for Question 8 is 6 marks)

9 Work out $\frac{2}{9} + \frac{5}{9}$

.....
(Total for Question 9 is 1 mark)

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



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