

Write your name here

Surname

Other names

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Edexcel Award

Centre Number

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Candidate Number

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Number and Measure

Level 1

Section A (Calculator)

Tuesday 9 January 2018 – 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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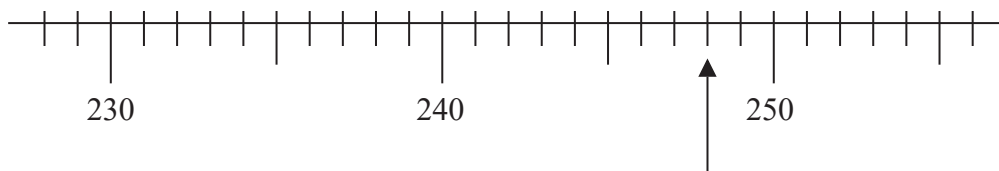
Section A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

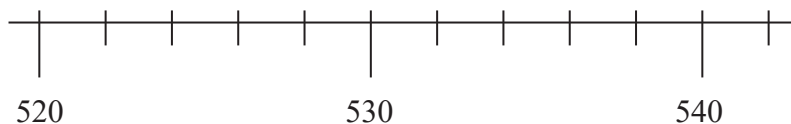
1 Here is a scale.



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

.....
(1)

Here is a different scale.



(b) On this scale, mark with an arrow (↑) the number 534

.....
(1)

(Total for Question 1 is 2 marks)

2 (a) Write down a multiple of 21

.....
(1)

(b) Write down a common factor of 36 and 60

.....
(1)

(c) Write the number 672 to the nearest hundred.

.....
(1)

(Total for Question 2 is 3 marks)

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3 (a) Use your calculator to work out

(i) $7.84 - 2.7 + 4.92$

.....
(1)

(ii) $18.9 \div 3.5$

.....
(1)

(iii) 14.25×0.24

.....
(1)

(b) Write down the value of the number 4 in 7.84

.....
(1)

(Total for Question 3 is 4 marks)

4 Abby buys

3 tins of dog food at £1.17 each tin

2 dog treats at 95p each treat

1 dog toy at £2.45

Abby pays with a £10 note.

How much change should she get?

£.....

(Total for Question 4 is 4 marks)



5 (a) Write $\frac{1}{5}$ as a decimal.

.....
(1)

(b) Work out $\frac{3}{8}$ of 320

.....
(2)

(c) Work out $\frac{3}{11} \times 3$

Give your answer as a fraction.

.....
(1)

Stefano buys a suit in a sale.

The normal price of the suit is £280

In the sale the normal price of the suit is reduced by 15%

(d) Work out 15% of £280

£.....
(2)

(Total for Question 5 is 6 marks)

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6 You can use this table to convert between pounds (£) and euros (€).

Pounds (£)	Euros (€)
1	1.15
2	2.30
5	5.75
10	11.50
50	57.50
100	115.00

(a) Convert £50 to euros.

..... euros
(1)

(b) Convert 69 euros to pounds.

£.....
(2)

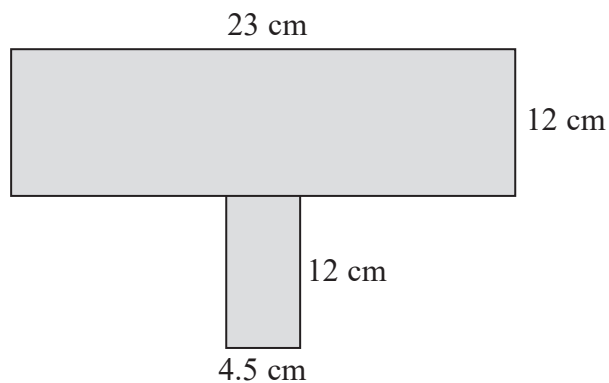
(c) Convert £164 to euros.

..... euros
(2)

(Total for Question 6 is 5 marks)



7 Here is a shaded shape made from two rectangles.



Work out the total area of the shaded shape.

..... cm²

(Total for Question 7 is 3 marks)

8 Anouska buys a pack of 7 chocolate wafers for £1.25
The 7 chocolate wafers in the pack are all the same.

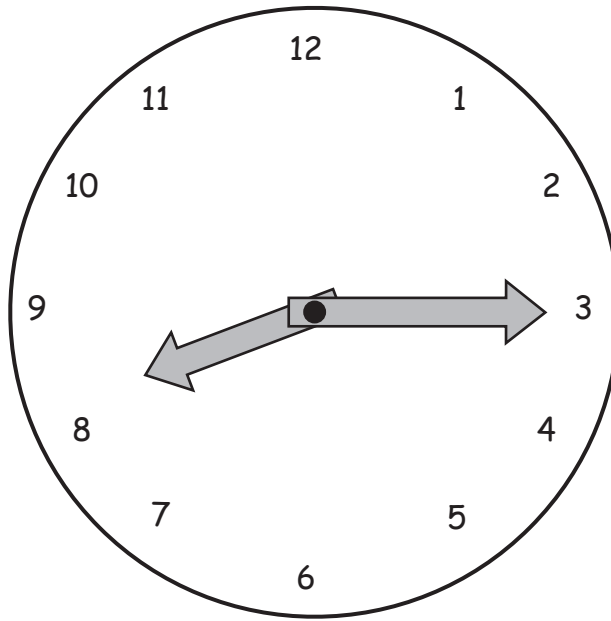
What is the cost of one of the chocolate wafers?
Give your answer to the nearest penny.

..... p

(Total for Question 8 is 2 marks)



9



It is evening.

(a) Write down the time shown on the clock.

.....
(2)

(b) Work out 2 hours 35 minutes + 1 hour 40 minutes.
Give your answer in **minutes**.

..... minutes
(3)

(Total for Question 9 is 5 marks)

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10 (a) Write down a suitable metric unit that can be used to give

(i) the weight of an egg,

.....

(ii) the length of a mobile phone.

.....

(2)

(b) Change 3.5 litres into millilitres.

..... millilitres

(1)

(c) Work out $4\text{ m } 63\text{ cm} + 1\text{ m } 42\text{ cm} - 2\text{ m } 70\text{ cm}$

.....

(2)

(Total for Question 10 is 5 marks)



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11 Here is part of a bus timetable from Oxford to Harwell.

Oxford to Harwell					
Oxford	06 35	07 20	08 00	08 25	09 55
Abingdon	06 58	07 47	–	–	10 18
Drayton	07 08	07 58	–	–	10 27
Milton	07 19	08 09	08 31	08 50	10 50
Didcot	07 36	08 26	08 40	08 59	11 08
Harwell	08 08	08 40	09 04	09 24	11 16

(a) At what time should the 08 25 bus from Oxford get to Harwell?

.....
(1)

Sophie is going to catch a bus from Oxford to Harwell.
She needs to get to Harwell by 09 00

(b) What time is the latest bus she can catch from Oxford?

.....
(1)

James catches the 08 31 bus from Milton.

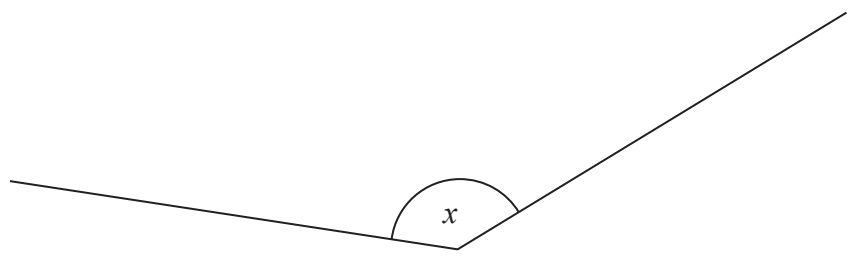
(c) How long should this bus take to get to Harwell?

..... minutes
(1)

(Total for Question 11 is 3 marks)



12



(a) Measure the size of the angle marked x .

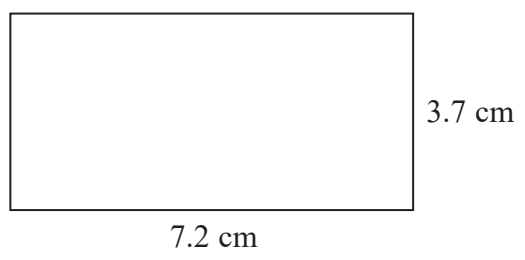
.....
(1)

(b) In the space below, draw a straight line 7 cm long.

(1)

(Total for Question 12 is 2 marks)

13 Here is a rectangle.



Work out the perimeter of the rectangle.

.....cm

(Total for Question 13 is 2 marks)



14 Here is information from Jacob's quarterly gas bill.

Gas Bill	October 2017
J. Witcher 50 Keats Close Swindon	
Reading 15th October	5820 units
Reading 15th July	5357 units
Number of units used units
Cost per unit of gas	£0.13
Quarterly charge	£23.40

Work out the total of Jacob's quarterly gas bill.

£.....

(Total for Question 14 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

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