

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson
Edexcel Award**

Centre Number

--	--	--	--	--

Candidate Number

--	--	--	--	--

Tuesday 7 January 2020

Morning (Time: 1 hour)

Paper Reference **ANM10/1A**

Number and Measure

Level 1

Section A (Calculator)

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 ►

P63046A

©2020 Pearson Education Ltd.

1/1/1/1/1/




Pearson

Section A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

- 1 (a) Use your calculator to work out $16.9 - 8.47 + 3.07$

.....
(1)

- (b) Use your calculator to work out 185×8.2

.....
(1)

- (c) Use your calculator to work out $18.51 \div 0.03$

.....
(1)

(Total for Question 1 is 3 marks)

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

.....
(1)

- (b) Write 12.63 correct to one decimal place.

.....
(1)

(Total for Question 2 is 2 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

3 (a) Work out $\frac{4}{5}$ of 340

.....
(2)

(b) Work out $\frac{2}{17} \times 6$

Give your answer as a fraction.

.....
(1)

(c) Find 30% of 920

.....
(2)

(Total for Question 3 is 5 marks)

4 Here are some numbers.

3	8	13	15	22	26	28	33
---	---	----	----	----	----	----	----

From these numbers,

(a) write down a multiple of 7

.....
(1)

(b) write down a common factor of 24 and 32

.....
(1)

(c) write down two numbers to make a correct calculation

.....	×	= 420
-------	---	-------	-------

(1)

(Total for Question 4 is 3 marks)



5 (a) Work out $3\text{ m } 46\text{ cm} + 4\text{ m } 32\text{ cm} - 2\text{ m } 29\text{ cm}$

.....
(2)

(b) Change 4300 millilitres to litres.

..... litres
(1)

(c) How many weeks and days is 58 days?

..... weeks days
(2)

(Total for Question 5 is 5 marks)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

6 Azmol bought

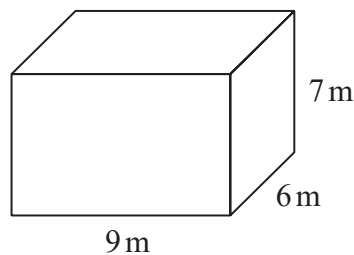
- 5 birthday cards at £1.49 each
- 3 sheets of gift wrap at 59p each
- 1 roll of sticky tape at £2.31

He paid with a £20 note.
How much change should Azmol get?

£.....

(Total for Question 6 is 4 marks)

7 Here is a cuboid.



Work out the volume of the cuboid.

..... m³

(Total for Question 7 is 2 marks)



8 Here is part of a calendar for June 2018

June 2018						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					22	23
24	25	26	27	28	29	30

(a) What day of the week was the 1st June 2018?

.....
(1)

Sadie had a 2 week holiday.
Her holiday **ended** on the 7th June 2018

(b) On which date did her holiday start?

.....
(2)

(Total for Question 8 is 3 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

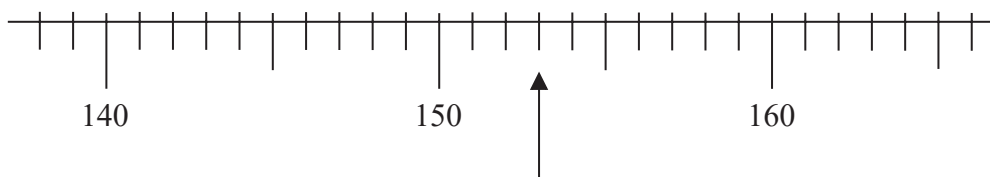


DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

9 Here is a scale.

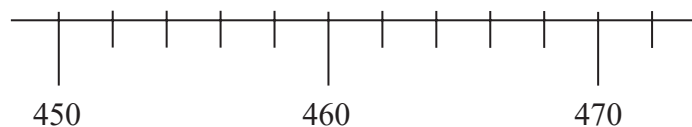


(a) Write down the number shown by the arrow.

.....

(1)

Here is a different scale.



(b) On this scale, mark with an arrow (↑) the number 456

(1)

(c) What is the value of the 5 in 456?

.....

(1)

(d) Write the number 472 correct to the nearest 100

.....

(1)

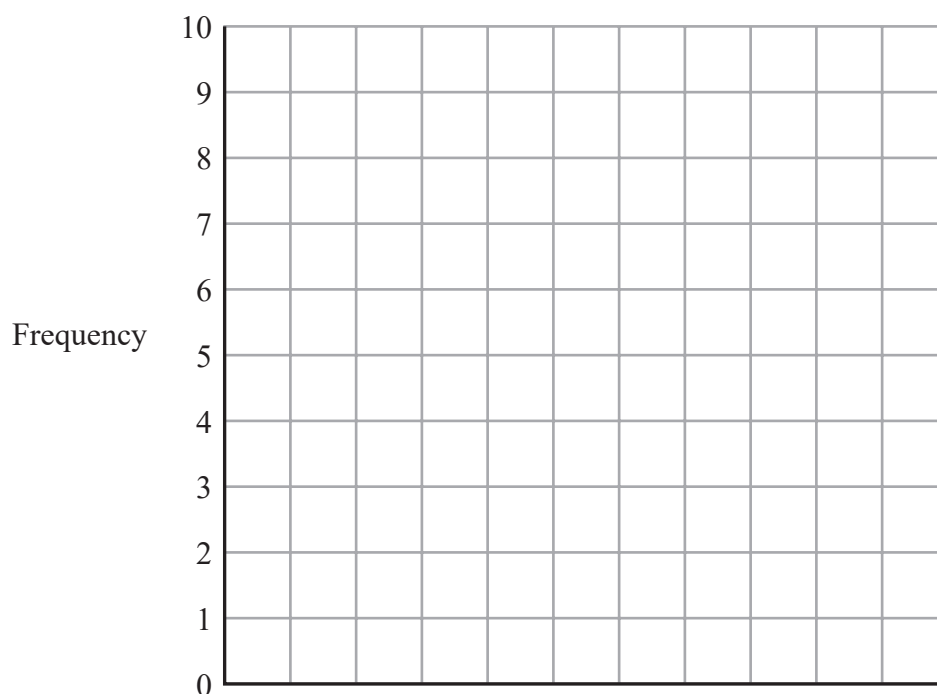
(Total for Question 9 is 4 marks)



- 10 Gemma asked each of her friends to tell her their favourite vegetable. The table gives information about her results.

Vegetable	Frequency
peas	9
cabbage	2
sweetcorn	7
broccoli	3
carrots	7

- (a) On the grid, draw a bar chart to show this information.



(3)

- (b) How many friends did Gemma ask?

.....
(1)

(Total for Question 10 is 4 marks)

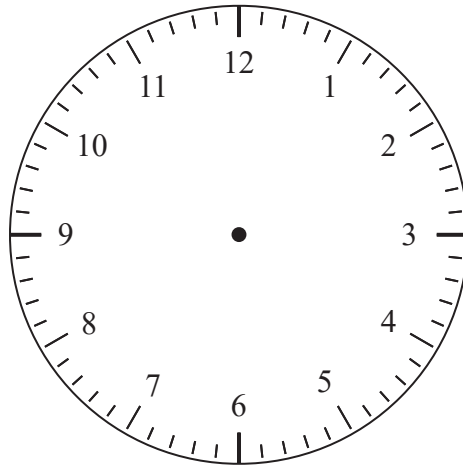


DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

11 Here is a clock face.



(a) Show a time of quarter to five on the clock.

(2)

Stanley left work at quarter to five one afternoon.
It took him 35 minutes to get home.

(b) At what time did Stanley get home?

.....
(1)

(Total for Question 11 is 3 marks)



12 Here is some information about the people who work in a shop.

Name	Age	Full time/Part time	Method of travel to work
Jill	22	full time	bus
Peter	19	part time	car
Raj	31	part time	walk
Nell	27	part time	bicycle
Abdul	19	full time	walk
Mila	25	part time	bus

(a) Who is the oldest person?

.....
(1)

(b) Who works part time and travels to work by bus?

.....
(1)

(c) Which two people have the same age?

..... and
(1)

(Total for Question 12 is 3 marks)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

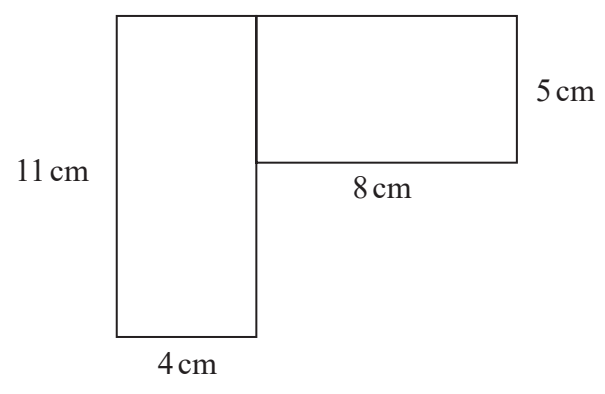
13 Samantha buys a box of 12 truffles for £3.79
The 12 truffles in the box are all the same.

What is the cost of one of these truffles?
Give your answer to the nearest penny.

.....p

(Total for Question 13 is 2 marks)

14 Here is a shape made from two rectangles.



Work out the total area of the shape.

.....cm²

(Total for Question 14 is 3 marks)



15 Here is Huang's electricity bill for December 2019

He used 621 units of electricity.

Electricity Bill	December 2019
Basic rate	236 units at 14p each
Cheap rate	385 units at 11p each
Monthly charge	£12.70

Work out the total that Huang had to pay for December 2019

£.....

(Total for Question 15 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson
Edexcel Award**

Centre Number

--	--	--	--	--

Candidate Number

--	--	--	--	--

Tuesday 7 January 2020

Morning (Time: 30 minutes)

Paper Reference **ANM10/1B**

Number and Measure

Level 1

Section B (Non-Calculator)

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 ►

P63047A

©2020 Pearson Education Ltd.

1/1/1/1/1/



Pearson

Section B

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

You must NOT use a calculator for this section.

- 1 (a) Work out 9×8

.....
(1)

- (b) Work out $62\,000 \div 100$

.....
(1)

- (c) Write the number **704** in words.

.....
(1)

(Total for Question 1 is 3 marks)

- 2 Martin buys 8 mugs for £3.85 each.

Which of these amounts gives a sensible estimate for the total cost of the 8 mugs?

- A £0.50
- B £3.20
- C £4.00
- D £32
- E £320

.....
(Total for Question 2 is 1 mark)

- 3 (a) Write down a **metric** unit that can be used to give the amount of milk in a carton.

.....
(1)

- (b) Write down an **imperial** unit that can be used to give the height of a box.

.....
(1)

(Total for Question 3 is 2 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

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

0.73 0.7 0.67 0.6 0.09

(1)

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

72% 17% 26% 8% 79%

(1)

- (c) Write these amounts of money in order of size.
Start with the smallest amount.

£3.37 78p 632p £5.97 463p

(1)

(Total for Question 4 is 3 marks)

- 5 (a) Measure the length of the line AB .
Give your answer in centimetres.



..... cm

(1)

- (b) Draw an angle of 130° at point X .



(1)

(Total for Question 5 is 2 marks)



6 (a) Work out $1435 + 257 + 42$

.....
(2)

(b) Work out 783×6

.....
(2)

(c) Work out $261 \div 3$

.....
(2)

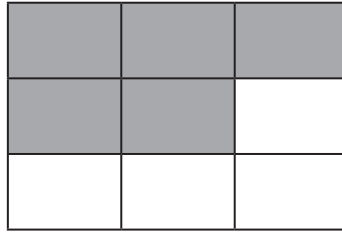
(d) Work out $51 - 16.7$

.....
(2)

(Total for Question 6 is 8 marks)



7



(a) What fraction of this shape is shaded?

.....
(1)

(b) Write $\frac{8}{20}$ as a fraction in its simplest form.

.....
(1)

(c) Write 31% as a fraction.

.....
(1)

(d) Work out $\frac{8}{11} - \frac{3}{11}$

.....
(1)

(e) Here are some fractions.

$$\frac{7}{12} \quad \frac{15}{18} \quad \frac{1}{2} \quad \frac{5}{6} \quad \frac{2}{9}$$

(i) Which of these fractions is the smallest?

.....
(1)

(ii) Write down the two equivalent fractions.

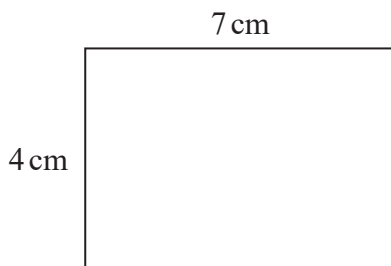
..... and

(1)

(Total for Question 7 is 6 marks)



8 Here is a rectangle.

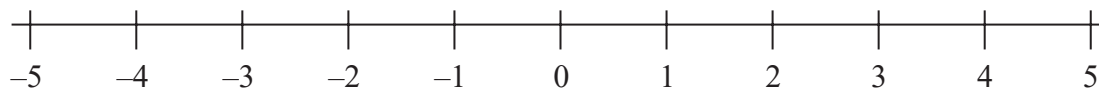


Work out the perimeter of the rectangle.

..... cm

(Total for Question 8 is 2 marks)

9 Here is a number line.



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

-4 3 1 - 5 0 3 -

.....
(1)

Use the number line to work out

(b) $4 - 7$

.....
(1)

(c) $5 - 8 + 7$

.....
(1)

(Total for Question 9 is 3 marks)

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



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE

