

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)

Thursday 3 May 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

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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 may be used.**
- If your calculator does not have a  $\pi$  button, take the value of  $\pi$  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 the stages in your working.**

**1** Here are some numbers.

4	7	3
12	25	
30	19	27

From these numbers,

(a) write down a multiple of 9

(1)

(b) write down a prime number

(1)

(c) write down a common factor of 14 and 28

(1)

**(Total for Question 1 is 3 marks)**

**2** (a) Work out  $3\text{ kg }400\text{ g} + 4\text{ kg }650\text{ g} - 2\text{ kg }450\text{ g}$

(2)

(b) Change 7400 centimetres to metres.

(1)

**(Total for Question 2 is 3 marks)**

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3 Use your calculator to work out

(a)  $9.7 + 35.28 - 12.92$

(1)

(b)  $19.2 \times 4.5$

(1)

(c)  $7.92 \div 1.5$

(1)

**(Total for Question 3 is 3 marks)**

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4 Polly bought

3 balls of wool at £3.65 each ball

4 buttons at 35p each button

1 knitting pattern at £2.49

She paid with a £20 note.

How much change should Polly get?

**(Total for Question 4 is 4 marks)**

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5 Here is part of a calendar for February 2018

February 2018						
Sun	Mon	Tues	Weds	Thurs	Fri	Sat
				1	2	3
4	5	6	7	8	9	10

(a) What day of the week is the 26th February 2018?

(1)

Edward had a 2 week holiday.  
His holiday ended on the 5th February 2018

(b) On which date did his holiday start?

(2)

**(Total for Question 5 is 3 marks)**

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6 (a) Write  $\frac{4}{5}$  as a decimal.

(1)

(b) Work out  $\frac{3}{8}$  of 720

(2)

(c) Find 30% of 540

(2)

(d) Write 634 to the nearest 100

(1)

(e) Write 6.47 correct to one decimal place.

(1)

**(Total for Question 6 is 7 marks)**

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7 How many weeks and days is 65 days?

**(Total for Question 7 is 2 marks)**

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- 8 The distance chart gives the distances, in kilometres, between five cities.

<b>Bath</b>				
166	<b>Exeter</b>			
306	140	<b>Truro</b>		
64	156	290	<b>Salisbury</b>	
231	72	89	214	<b>Plymouth</b>

- (a) Write down the distance between Salisbury and Bath.

(1)

Zia drives

from Exeter to Plymouth  
then from Plymouth to Truro  
then from Truro to Exeter

- (b) Work out the total distance Zia drives.

(2)

(Total for Question 8 is 3 marks)

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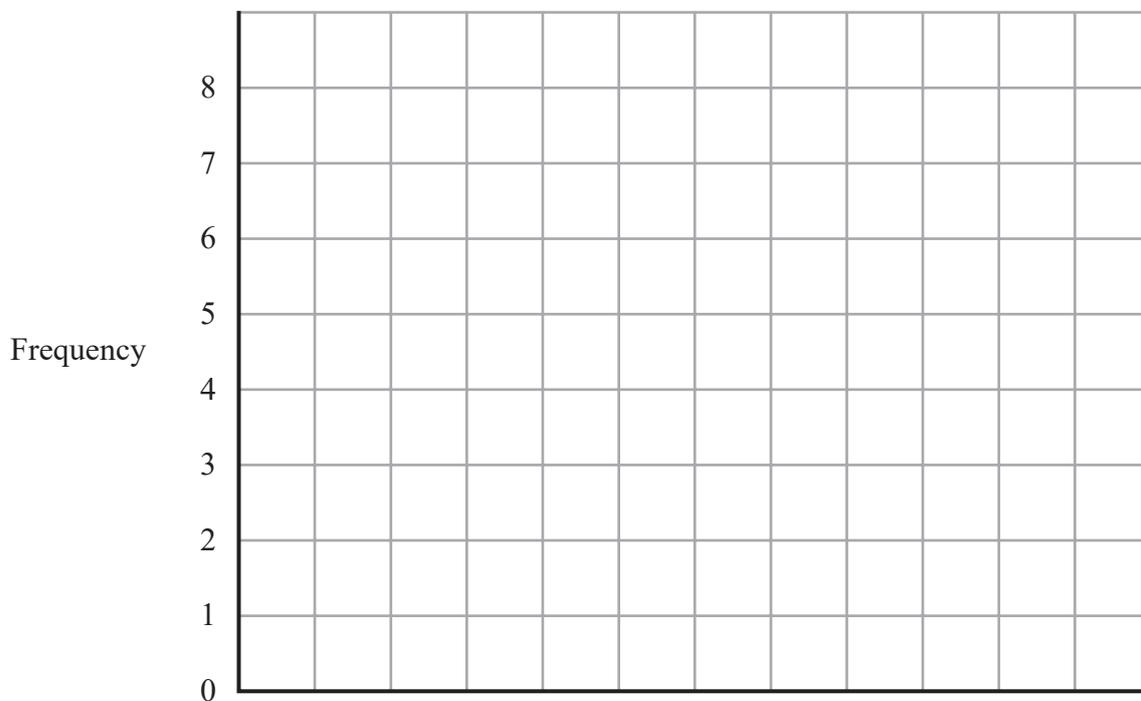
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9 The table gives information about the types of vehicle that Victoria saw go past her house one morning.

Type of vehicle	Frequency
Car	8
Lorry	2
Bicycle	6
Van	3
Motorbike	5

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



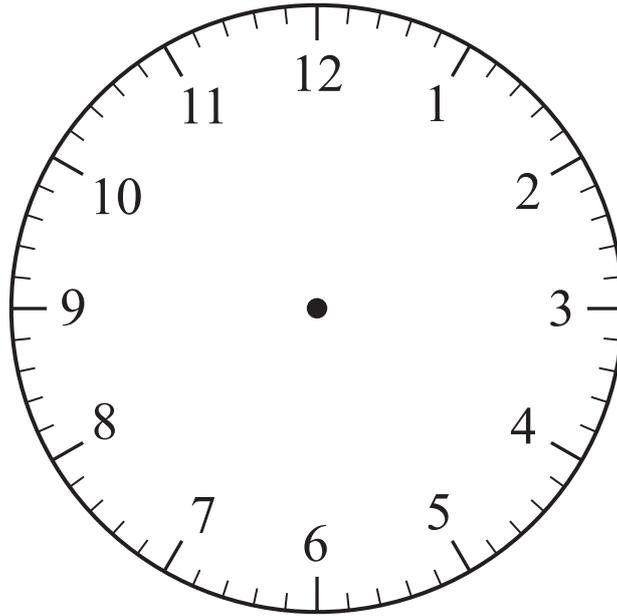
(3)

(b) Which type of vehicle did Victoria see most often?

(1)

(Total for Question 9 is 4 marks)

10 Here is a clock face.



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

(2)

James woke up at quarter past six one morning.  
He left for work 75 minutes later.

(b) At what time did James leave for work?

(2)

(Total for Question 10 is 4 marks)

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11 Here is some information about five breeds of hen.

Breed of hen	Average weight (kg)	Egg colour	Egg size
Leghorn	2.5	white	medium to large
Nankin	0.625	white	small
Orpington	3.2	brown	large to extra large
Java	4.3	brown	large
Hamburg	2.25	white	medium

(a) Which breed of hen has the greatest average weight?

(1)

(b) Which breed of hen lays small eggs?

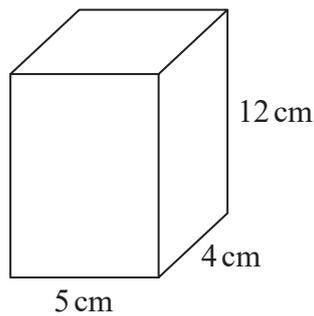
(1)

(c) Which two breeds of hen lay brown eggs?

(1)

(Total for Question 11 is 3 marks)

12 Here is a cuboid.



Work out the volume of the cuboid.

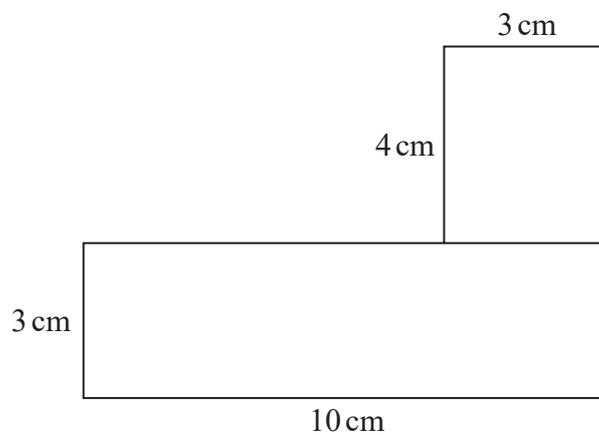
(Total for Question 12 is 2 marks)

- 13 Mr Jones buys a pack of 24 bread rolls for £3.40  
The 24 bread rolls in the pack are all the same.

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

(Total for Question 13 is 2 marks)

- 14 Here is a shape made from two rectangles.



Work out the total area of the shape.

(Total for Question 14 is 3 marks)

15 Here is part of Mary's mobile phone bill for March 2018

**Mobiles 2 U**

March 2018

**Calls** 140 minutes (first 120 minutes free)  
**Texts** 550 (first 400 texts free)

**Costs**

**Monthly charge** £19.99  
**Calls** 10p per minute  
**Texts** 5p each

Work out the total cost that Mary has to pay for March 2018

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(Total for Question 15 is 4 marks)

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**TOTAL FOR SECTION A IS 50 MARKS**

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