

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)

Friday 6 May 2016 – 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  $\pi$  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 stages in your working.**

**1** Here is some information about six fridges.

<b>Make of fridge</b>	<b>Size (inches)</b>	<b>Frost free</b>	<b>Cost</b>
Cool boy	24	×	£85
Geko	24	✓	£125
Filips	36	×	£205
Coldpoint	35	×	£81
Sumsong	48	✓	£199
Niff	47	✓	£205

(a) Which make of fridge is the cheapest?

.....  
(1)

(b) Which make of fridge is frost free with a size of 24 inches?

.....  
(1)

(c) Which makes of fridge have the same cost?

.....  
(1)

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

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2 (a) Write the number **four hundred and forty** in figures.

.....  
(1)

(b) Write the number 207 in words.

.....  
(1)

(c) Write the number 822 to the nearest ten.

.....  
(1)

(d) Work out  $24.7 + 56.3 - 13.6$

.....  
(1)

(e) Work out  $24 \times 2.56$

.....  
(1)

**(Total for Question 2 is 5 marks)**



3 (a) Write 45% as a fraction.

.....  
(1)

(b) Work out  $\frac{3}{5}$  of 600

.....  
(2)

(c) Work out 30% of 600

.....  
(2)

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

4 Ryan buys

- 2 packets of crisps at 45p each
- 1 pack of sandwiches for £3.25
- 3 bottles of water at 79p each

He pays with a £10 note.

How much change should he get?

£ .....

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

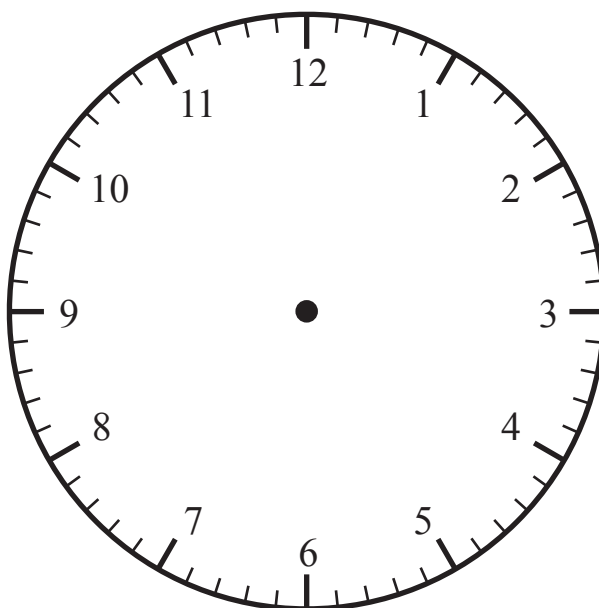


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5 Here is a clock face.



(a) Show a time of twenty to three on the clock face.

(2)

Ruby parked her car in a car park at 10 45  
She drove out of the car park at 13 20

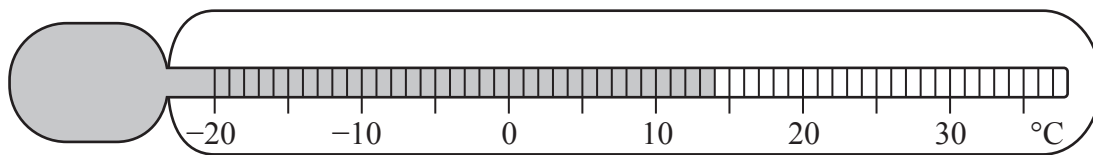
(b) For how long was Ruby's car in the car park?

.....  
(2)

**(Total for Question 5 is 4 marks)**



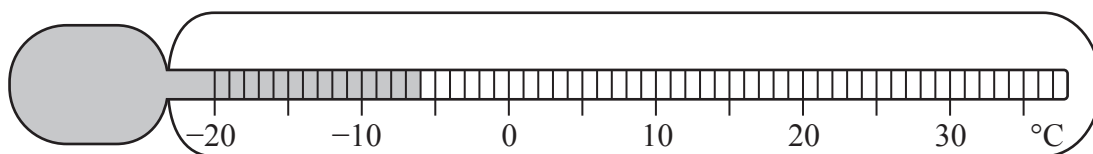
6 This thermometer shows the temperature at 12 noon.



(a) Write down the reading on the thermometer.

.....°C  
(1)

This thermometer shows the temperature at 12 midnight.



(b) Work out the difference in the temperatures shown on the two thermometers.

.....°C  
(2)

(Total for Question 6 is 3 marks)

7



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

.....°  
(1)

(b) In the space below, draw a line of length 6 cm.

(1)

(Total for Question 7 is 2 marks)



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8 (a) Change 3.6 cm into mm.

..... mm  
(1)

(b) Change 6500 ml into l.

..... l  
(1)

(Total for Question 8 is 2 marks)

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

27    83    104    9    55

.....  
(1)

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

1.9    9.1    5.2    0.99    2.5

.....  
(1)

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

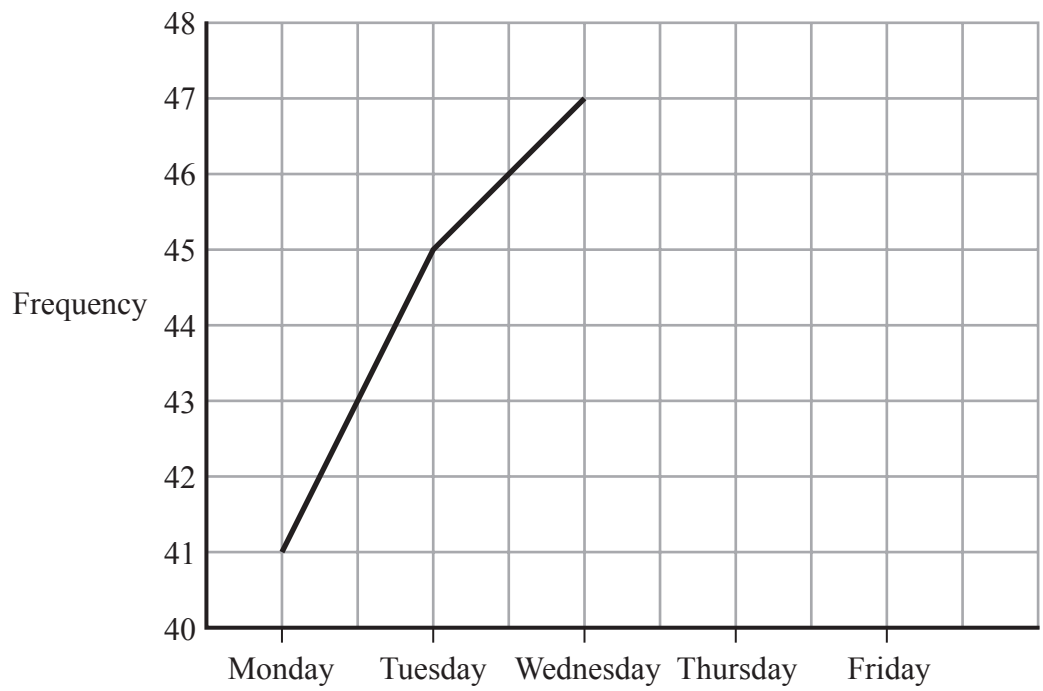
27%    15%    9%    10%    17%

.....  
(1)

(Total for Question 9 is 3 marks)



10 Here is a line graph showing the number of packets of crisps sold in a school canteen on Monday, on Tuesday and on Wednesday last week.



(a) How many packets of crisps were sold on Tuesday?

.....  
(1)

On Thursday 44 packets of crisps were sold.  
On Friday 42 packets of crisps were sold.

(b) Complete the line graph for this information.

(2)

(c) Work out the total number of packets of crisps sold last week.

.....  
(2)

**(Total for Question 10 is 5 marks)**





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11 (a) Use your calculator to work out  $3.64 \div 0.56$   
Give your answer as a decimal.

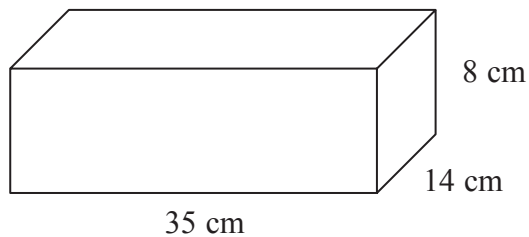
.....  
(1)

(b) Write 13.58 correct to one decimal place.

.....  
(1)

(Total for Question 11 is 2 marks)

12 Here is a cuboid.



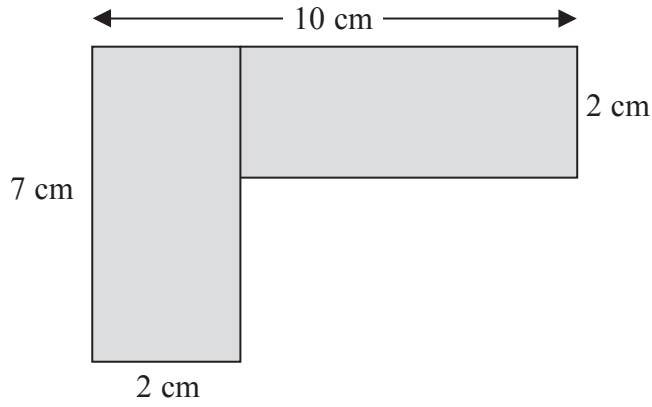
Work out the volume of the cuboid.

.....cm<sup>3</sup>

(Total for Question 12 is 2 marks)



13 Here is a shaded shape made from two rectangles.



Work out the total area of the shaded shape.

.....cm<sup>2</sup>

(Total for Question 13 is 3 marks)

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14 Here is information from Jo's phone bill.

**Phones 4 me**

**Phone Bill April 2016**

Usage

Calls	120 minutes
Texts	150

Costs

Calls cost 5p per minute  
Texts cost 8p each  
Monthly charge £12.50

Work out the total of Jo's bill.

.....  
**(Total for Question 14 is 4 marks)**

15 Kerry buys a box of 6 identical pens for £7.99

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

£.....

**(Total for Question 15 is 3 marks)**

**TOTAL FOR SECTION A IS 50 MARKS**



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## Number and Measure

Level 1

Section B (Non-Calculator)

Friday 6 May 2016 – 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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**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  $500 - 347$

.....  
(2)

(b) Work out  $26.2 + 3.58 + 0.9$

.....  
(2)

(c) Work out  $324 \div 6$

.....  
(2)

**(Total for Question 1 is 6 marks)**

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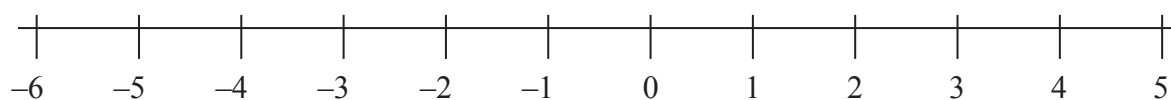


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2 Here is a number line.



(a) Work out  $3 - 4$

.....  
(1)

(b) Work out  $-4 + 7$

.....  
(1)

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

3 (a) Work out  $7 \times 8$

.....  
(1)

(b) Work out  $63 \div 9$

.....  
(1)

(c) Work out  $45\,000 \div 100$

.....  
(1)

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



4 (a) Write  $\frac{7}{10}$  as a decimal.

.....  
(1)

(b) Write the fraction  $\frac{12}{16}$  in its simplest form.

.....  
(1)

(c) Work out  $\frac{9}{10} - \frac{2}{10}$

.....  
(1)

Here are some fractions.

$$\frac{1}{2} \quad \frac{1}{4} \quad \frac{3}{4} \quad \frac{5}{6} \quad \frac{3}{12}$$

(d) (i) Which of these fractions is the largest?

(ii) Write down the two equivalent fractions.

..... and .....

(2)

**(Total for Question 4 is 5 marks)**





5

5	8	12	18	23	30	36	40
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From the numbers in the list, write down

(a) a factor of 24

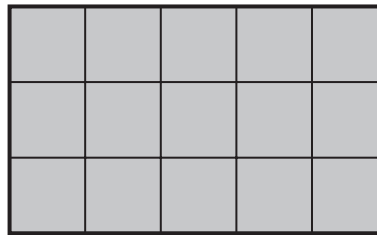
.....  
(1)

(b) a multiple of 9

.....  
(1)

**(Total for Question 5 is 2 marks)**

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



(i) Work out the perimeter of the rectangle.

(ii) Work out the area of the rectangle.

.....  
.....  
**(Total for Question 6 is 3 marks)**



7 Here is part of a calendar for July 2016

July 2016						
Sun	Mon	Tues	Weds	Thurs	Fri	Sat
					1	2
3	4	5	6	7	8	9

(a) Complete the calendar for July 2016

(1)

Rob's birthday is on the 24th July.

Kylie's birthday is on the 10th August.

(b) How many days after Rob's birthday is Kylie's birthday?

.....days

(2)

(Total for Question 7 is 3 marks)

8 A packet of batteries costs £1.95

Which of these amounts gives a sensible estimate for the cost of 5 packets of these batteries?

A 40p

B £2

C £5

D £10

E £20

.....

(Total for Question 8 is 1 mark)



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9 You can use this table to convert between pounds (£) and dollars (\$).

Pounds (£)	Dollars (\$)
1	1.61
2	3.22
5	8.05
10	16.10
20	32.20
50	80.50
100	161.00

(a) Convert £5 into dollars (\$).

\$ .....  
(1)

(b) Convert \$322 into pounds (£).

£ .....  
(2)

(c) Convert £154 into dollars (\$).

\$ .....  
(2)

(Total for Question 9 is 5 marks)

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



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