

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 7 May 2015 – 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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6/6/6/4/



**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 TVs.

<b>Make of TV</b>	<b>Size (inches)</b>	<b>Smart TV</b>	<b>Cost</b>
Bony	37	✓	£299
Cush	47	✓	£450
Fergie	29	×	£169
Mats	32	×	£325
Sonic	60	✓	£425
Trident	37	×	£275

(a) Which is the cheapest make of TV?

.....  
(1)

(b) Which make of TV is a smart TV with a size of 37 inches?

.....  
(1)

(c) Which makes of TV have the same size?

.....  
(1)

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



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

.....  
(1)

(b) Write the number 350 in words.

.....  
(1)

(c) Write the number 583 to the nearest hundred.

.....  
(1)

(d) Work out  $27.8 \times 23$

.....  
(1)

(e) Work out  $45.62 - 21.7 + 15.8$

.....  
(1)

---

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



3 (a) Write 40% as a fraction.

.....  
(1)

(b) Work out 25% of £60

£ .....  
(2)

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

4 Bethany buys

two magazines for £3.95 each  
one newspaper for £1.25  
three bags of sweets for 99p each

She pays with a £20 note.

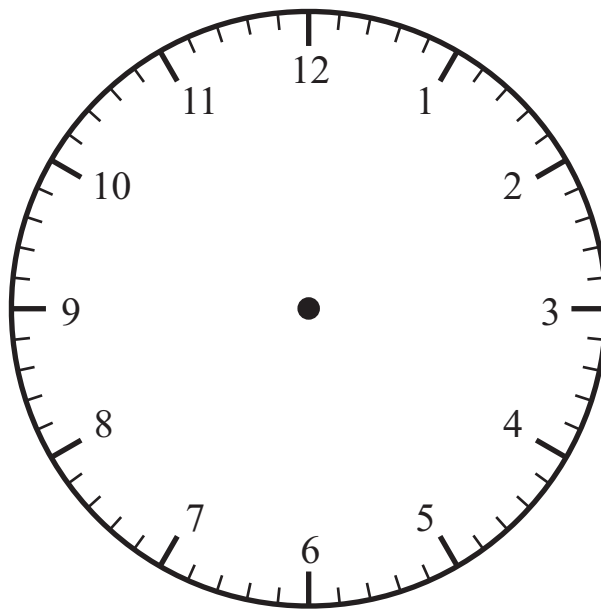
How much change should she get?

£ .....

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



5 Here is a clock face.



(a) Show a time of quarter past seven on the clock.

(2)

John went to the cinema.

The film started at quarter past seven in the evening.

The film lasted 115 minutes.

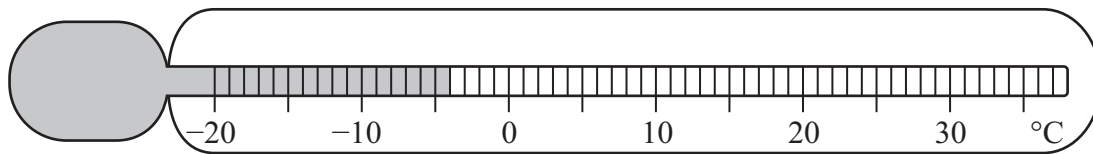
(b) At what time did the film finish?

.....  
(2)

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



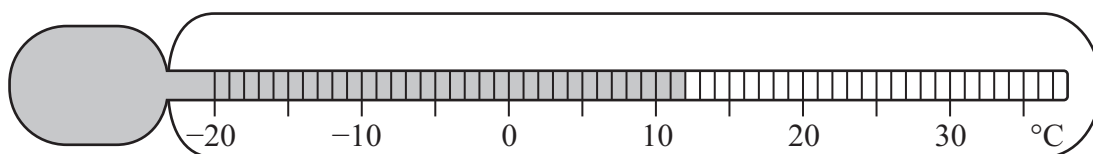
6 This thermometer shows the temperature at **6 am**.



(a) Write down the reading on the thermometer.

..... °C  
(1)

This thermometer shows the temperature at **6 pm**.



(b) Work out the difference in the temperature at **6 am** and the temperature at **6 pm**.

..... °C  
(2)

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

7



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

..... °  
(1)

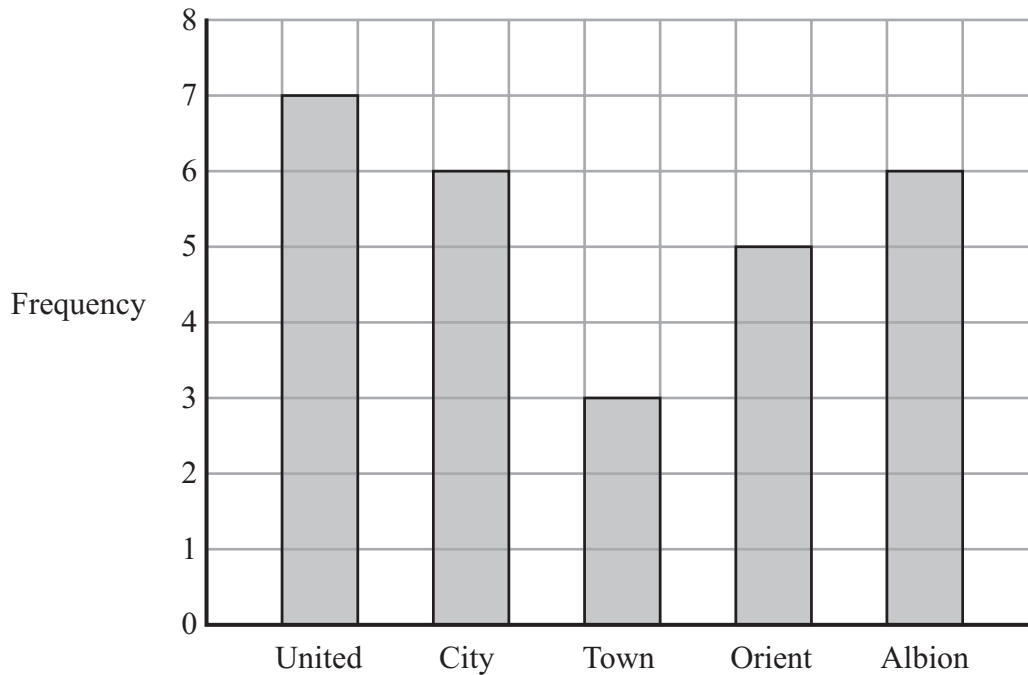
(b) In the space below, draw a straight line 9 cm long.

(1)

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



- 8 Ben asked each of his friends for the name of their favourite football team. He drew this bar chart for their answers.



- (a) Which is the most popular team?

.....  
(1)

- (b) Which teams have the same frequency?

..... and .....  
(1)

- (c) How many friends did Ben ask?

.....  
(2)

**(Total for Question 8 is 4 marks)**



9 (a) Work out  $\frac{5}{6} \times 240$

.....  
(2)

Ruben pays VAT at 20% on a computer tablet that costs £300

(b) How much VAT does he pay?

£.....  
(2)

**(Total for Question 9 is 4 marks)**

---

10 (a) Use your calculator to work out  $8.19 \div 0.65$   
Give your answer as a decimal.

.....  
(1)

(b) Write 6.74 correct to one decimal place.

.....  
(1)

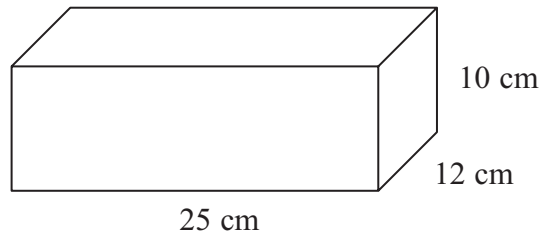
**(Total for Question 10 is 2 marks)**

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11 Here is a cuboid.

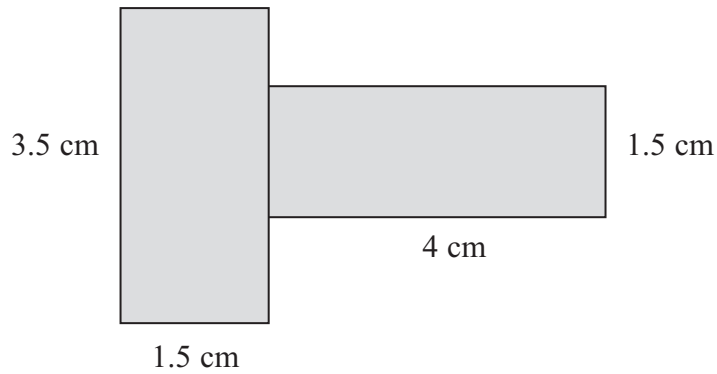


Find the volume of the cuboid.

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

**(Total for Question 11 is 2 marks)**

12 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 12 is 3 marks)**



13 Here is information from Narinder's gas bill.

Gas 2 U

**Gas Bill April 2015**

Cost per unit 15p  
Monthly charge £12.50

Reading 30th April	3723 units
Reading 1st April	<u>3585</u> units

Units used

Work out the total of Narinder's gas bill.

.....  
**(Total for Question 13 is 4 marks)**



14 Kerry buys a box of 48 bags of crisps for £9.99

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

.....  
(Total for Question 14 is 3 marks)

15 Here is a mileage chart.  
It shows the distances, in miles, between 5 cities.

<b>Hull</b>				
60	<b>Leeds</b>			
48	72	<b>Lincoln</b>		
97	44	85	<b>Manchester</b>	
66	36	46	39	<b>Sheffield</b>

(a) What is the distance between Leeds and Manchester?

..... miles  
(1)

(b) Which two cities are closest together?

..... and .....  
(1)

Ronnie drives from Hull to Lincoln and then from Lincoln to Sheffield.

(c) What is the total distance that Ronnie drives?

..... miles  
(2)

(Total for Question 15 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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## Number and Measure

Level 1

Section B (Non-Calculator)

Thursday 7 May 2015 – 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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6/6/6/



**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  $362 - 89$

.....  
(2)

(b) Work out  $14.9 + 3.75 + 8$

.....  
(2)

(c) Work out  $526 \times 6$

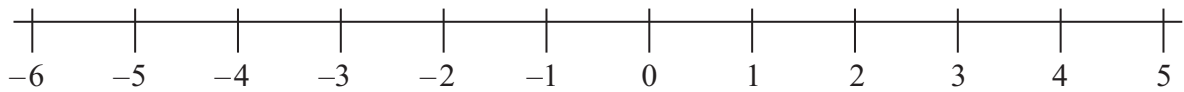
.....  
(2)

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



2 Here is a number line.



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

-1    4    -3    0    -6    2

.....  
(1)

(b) Work out  $1 - 5$

.....  
(1)

(c) Work out  $-4 + 3$

.....  
(1)

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

3 (a) Change 765 mm into cm.

..... cm  
(1)

(b) Change 3.6 m into cm.

..... cm  
(1)

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



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

256 94 118 500 304

.....  
(1)

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

2.05 5.2 2.5 5.02 0.25 0.52

.....  
(1)

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

65% 15% 35% 2% 40%

.....  
(1)

**(Total for Question 4 is 3 marks)**

- 5 (a) Work out  $5 \times 9$

.....  
(1)

- (b) Work out  $48 \div 6$

.....  
(1)

- (c) Work out  $32 \times 1000$

.....  
(1)

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





6 (a) Write 0.8 as a fraction.

.....  
(1)

(b) Write the fraction  $\frac{8}{12}$  in its simplest form.

.....  
(1)

(c) Work out  $\frac{5}{12} + \frac{2}{12}$

.....  
(1)

Here are some fractions

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

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

.....

(ii) Write down the two equivalent fractions.

..... and .....  
(2)

**(Total for Question 6 is 5 marks)**



7

4	6	10	13	15	18	23	24
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From these numbers,

(a) write down a multiple of 5

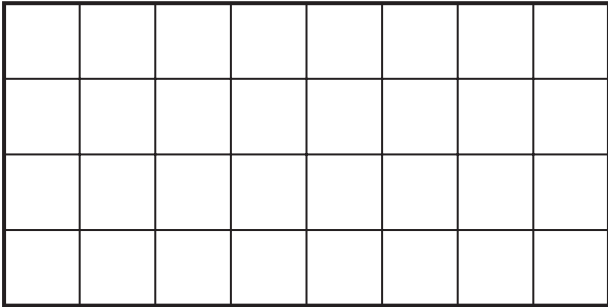
.....  
(1)

(b) write down a common factor of 18 and 24

.....  
(1)

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

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



(a) Work out the area of the rectangle.

..... cm<sup>2</sup>  
(1)

(b) Work out the perimeter of the rectangle.

..... cm  
(1)

**(Total for Question 8 is 2 marks)**



9 Here is part of a calendar for March 2015

March 2015						
Sun	Mon	Tues	Weds	Thurs	Fri	Sat
1	2	3	4	5	6	7
8						

(a) Complete the calendar for March 2015

(1)

Nat's birthday is on the 17th March.

Kim's birthday is on the 8th April.

(b) How many days after Nat's birthday is Kim's birthday?

.....  
(2)

**(Total for Question 9 is 3 marks)**

10 A packet of 5 pens costs £1.99

Which of these amounts gives a sensible estimate for the cost of one pen?

- A 4p
- B 40p
- C £2
- D £7
- E £10

.....  
**(Total for Question 10 is 1 mark)**

**TOTAL FOR SECTION B IS 30 MARKS**

**TOTAL FOR PAPER IS 80 MARKS**



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