Pearson Edexcel Award
Paper Reference ANM10/1A

Number and Measure
Level 1
Section A (Calculator)

Thursday 4 May 2017 – Morning
Time: 1 hour
plus your additional time allowance

You must have:
Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser, calculator.

See the Instructions, Information and Advice on the next page.

Surname					
Other names					
Centre Number					
Candidate Number					

X48376A

Pearson

Instructions

- **Use BLACK ink or ball-point pen.**
- **FILL IN THE BOXES on the front 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.**

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 list of numbers.

5 9 10 13 18 27 32

From the list

(a) write down a factor of 30

_____

(1 mark)

(Question continues on next page)

(b) write down a multiple of 6

(1 mark)

(c) write down a prime number

(1 mark)

(d) write down two numbers with a sum of 22

(1 mark)

(Total for Question 1 is 4 marks)

2 (a) Use your calculator to work out
$83 \cdot 2 - 7 \cdot 54 + 7 \cdot 3$

_____

(1 mark)

(b) Use your calculator to work out
$5 \cdot 46 \div 0 \cdot 35$

_____

(1 mark)

(Question continues on next page)

(c) Use your calculator to work out
$9 \cdot 53 \times 1 \cdot 3$

_____

(1 mark)

(d) Round $14 \cdot 27$ to the nearest whole number.

_____

(1 mark)

(Question continues on next page)

(e) Write the number 428 in words.

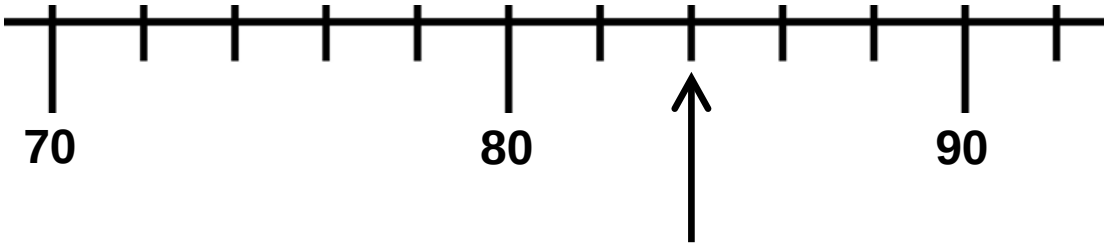
(1 mark)

(f) Write 40% as a decimal.

(1 mark)

(Total for Question 2 is 6 marks)

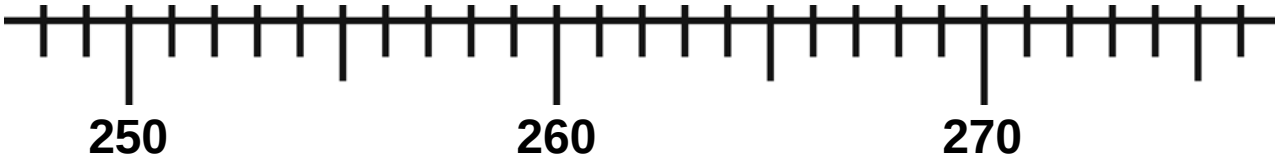
3



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

_____

(1 mark)



(b) On the scale, mark with an arrow (↑) the number 267 (1 mark)

(Total for Question 3 is 2 marks)

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4 Here is part of a calendar for August 2016

August 2016						
Sun	**Mon**	**Tues**	**Weds**	**Thurs**	**Fri**	**Sat**
	1	2	3	4	5	6
7	8	9	10	11	12	13

(a) What day of the week was the 29th August 2016?

_____

(1 mark)

(Question continues on next page)

(b) What is the date two weeks before the 7th August 2016?

(2 marks)

(Total for Question 4 is 3 marks)

5 Ali invests £850 at 4% interest for one year.

How much interest does he get for one year?

£ _____

(Total for Question 5 is 2 marks)

6 Emma buys

2 pens at 59p each
3 pencils at 27p each
1 book for £3·95

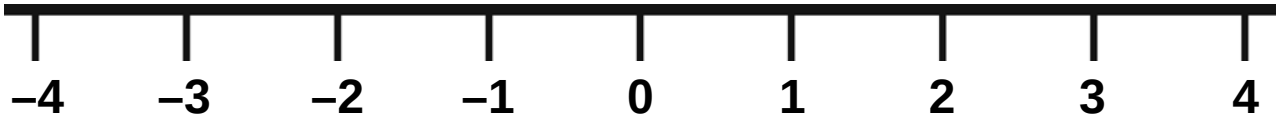
She pays with a £10 note.

How much change should Emma get?

£ _____

(Total for Question 6 is 4 marks)

7 **Here is part of a number line.**



(a) **Write these numbers in order of size.**

Start with the smallest number.

–3 3 0 –4 2 –1

(1 mark)

(Question continues on next page)

(b) Work out –3 + 7

_____

(1 mark)

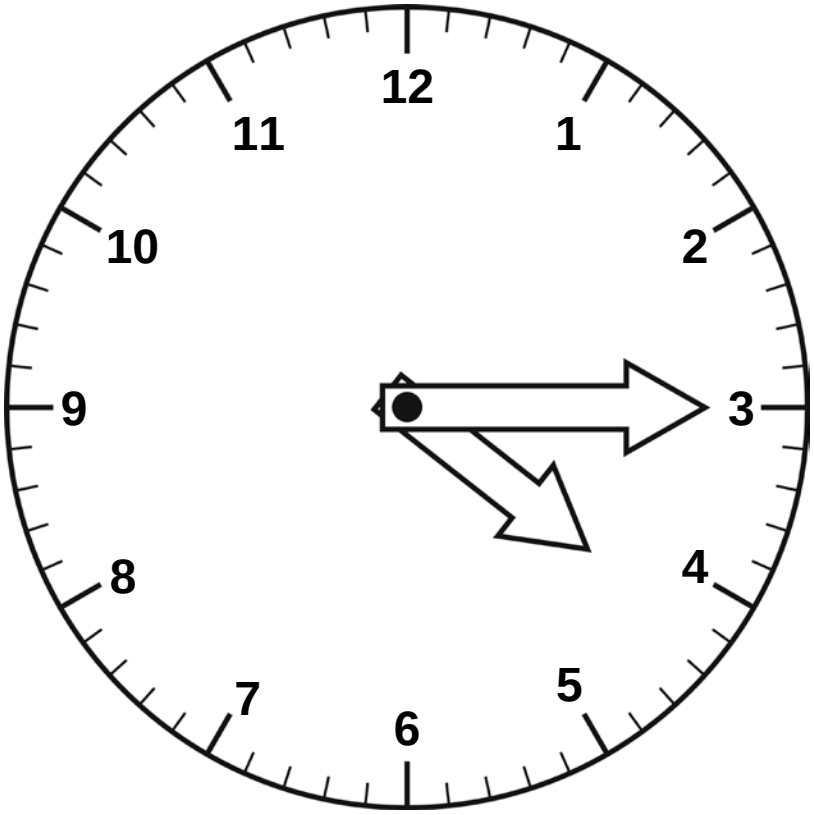
(c) Work out 2 – 5

_____

(1 mark)

(Total for Question 7 is 3 marks)

8



It is afternoon.

(a) Write down the time on this clock.

_____

(2 marks)

(Question continues on next page)

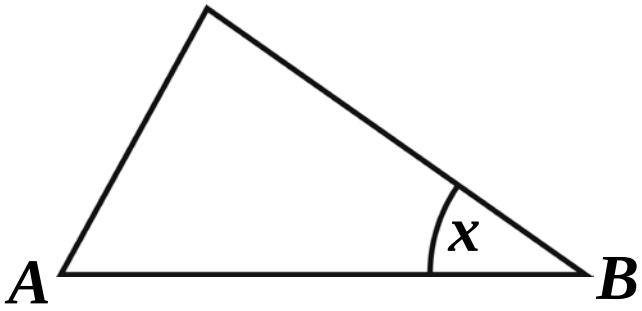
(b) Write 205 minutes in hours and minutes.

_____ **hours** _____ **minutes**

(2 marks)

(Total for Question 8 is 4 marks)

9 Here is a triangle.



(a) Measure, in cm, the length of the side AB.

cm

(1 mark)

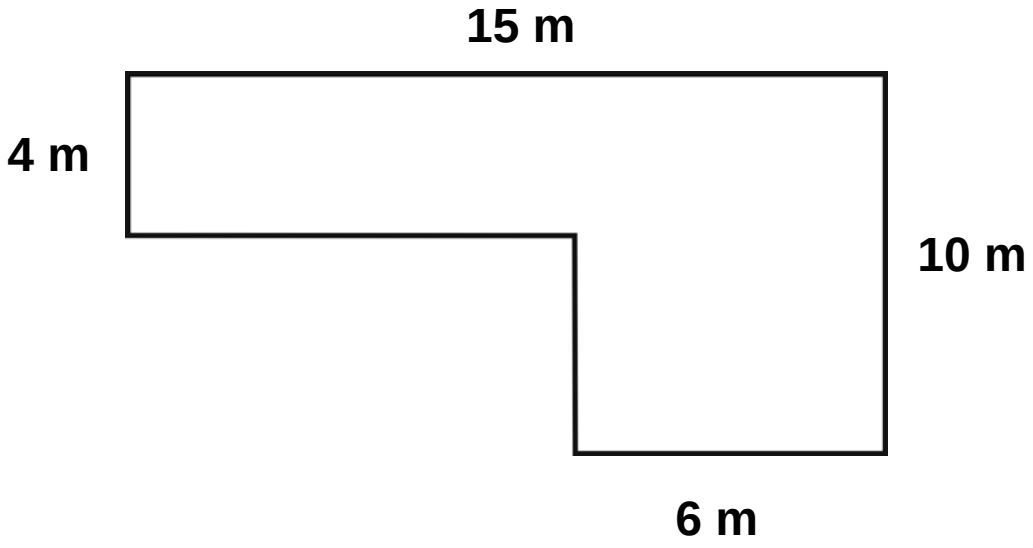
(b) Measure the size of the angle marked x.

o

(1 mark)

(Total for Question 9 is 2 marks)

10 The diagram shows a garden made from rectangles.



Work out the area of the garden.

m^2

(Total for Question 10 is 3 marks)

11 Here is some information about the six players in a table football competition.

Player	Age	Number of games won	Goals Scored	Goals let in
Alice	18	2	28	36
Barney	17	2	44	39
Craig	19	2	31	43
Danny	15	1	33	42
Elaine	16	5	50	23
Fred	17	3	33	36

(a) Which two players are the same age?

(1 mark)

(Question continues on next page)

(b) Which player scored the least number of goals?

_____

(1 mark)

(c) Which player let in the greatest number of goals?

_____

(1 mark)

(Total for Question 11 is 3 marks)

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12 (a) Work out

3 km 450 m + 2 km 650 m − 1 km 700 m

_____

(2 marks)

(Question continues on next page)

(b) Change 2•3 litres into millilitres.

millilitres

(1 mark)

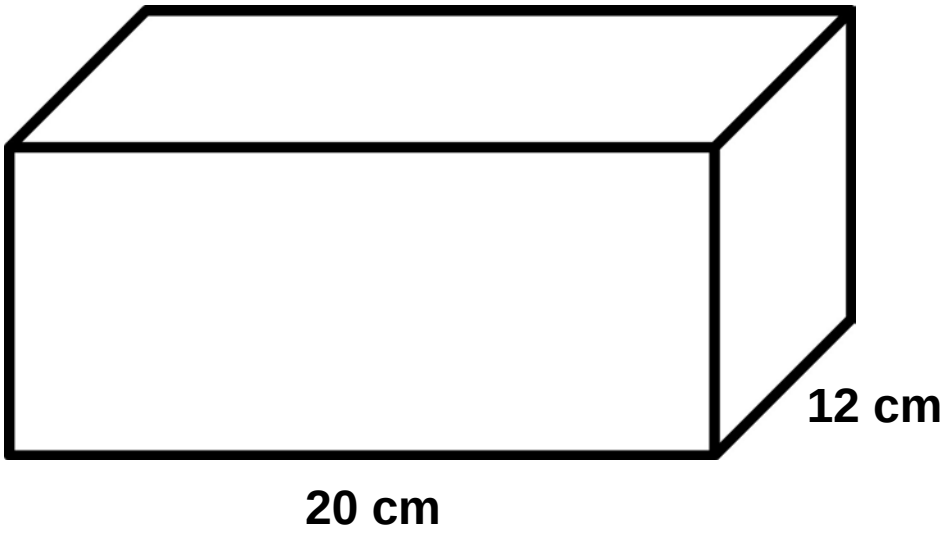
(c) Change 540 mm into cm.

cm

(1 mark)

(Total for Question 12 is 4 marks)

13 Work out the volume of this cuboid.

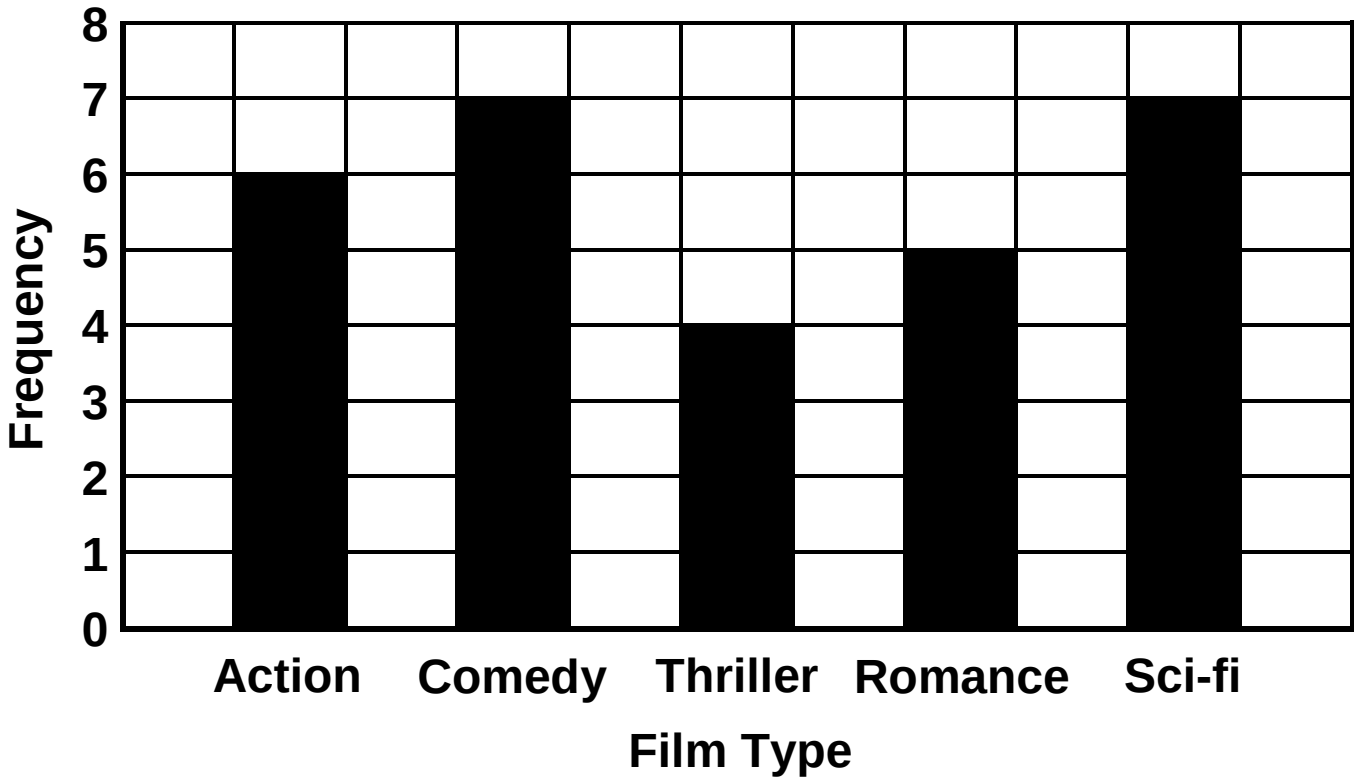


cm^3

(2 marks)

(Total for Question 13 is 2 marks)

14 The bar chart shows information about the favourite film type of each student in class 11P.



(a) How many students said Romance was their favourite?

_____

(1 mark)

(Question continues on next page)

(b) Which two film types have the same frequency?

_____ **and** _____

(1 mark)

(c) How many students are in class 11P?

_____

(2 marks)

(Total for Question 14 is 4 marks)

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15 Here is information from Tilly's gas bill.

Gas R us

Gas Bill March 2016

Cost per unit 22p

Monthly charge £11•40

Reading 31st March 4671
Reading 1st March 4512

Units used ……. units

Work out the total of Tilly's gas bill. (4 marks)

(Write your answer on the next page)

(Total for Question 15 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS