Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

Pearson Edexcel Award

Time 1 hour plus your additional time allowance.

Paper reference ANM10/1A

Number and Measure
Level 1
Section A (Calculator)

You must have:
Ruler, protractor,calculator.

YOU WILL BE GIVEN

Diagram Booklet
Bumpons for Question 1(b)
Bumpons for Question 11(a)
Labels for Question 11(a)
Model for Question 10

Total Marks

Instructions

- Write your name, centre number and candidate number on your answer paper.
- Answer **all** questions.
- Answer the questions on your answer paper or on the diagrams.
- **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, for example: [2 marks] – *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.
- Try to answer every question.
- Check your answers if you have time at the end.
- Please note: this paper contains facing pages.
- [A contents page for this examination paper will be found as a separate booklet. This is to assist the candidate in locating selected books].

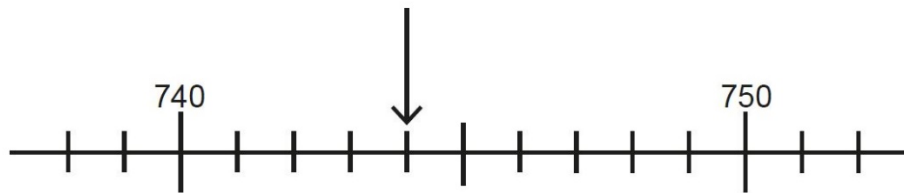P66131RA
©2022 Pearson Education Ltd.
L:1/1/1/1/1/1/

P 6 6 1 3 1 R A 0 1 1 6

Turn over ▶

Pearson

Answer ALL questions.

Write your answers on your answer paper.

You must write down all the stages in your working.

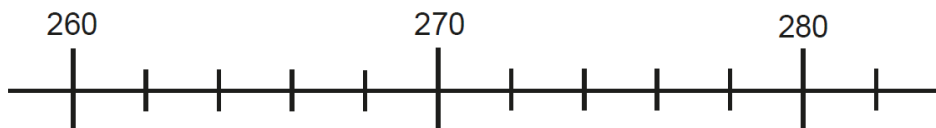**1** Look at the diagram for Question 1(a) in the diagram booklet. It shows a scale.

(a) Write down the number shown by the arrow. [1 mark]

....

Look at the diagram for Question 1(b) in the diagram booklet.
It shows a different scale.

(b) On this scale, mark the number 276
Bumpons are provided if you wish to use them [1 mark]

(Total for Question 1 is 2 marks)

2 (a) Write the number **five hundred and sixty** in figures. [1 mark]

....

(b) Write the number 523 to the nearest ten. [1 mark]

....

(c) Write down the value of the number **3** in 2.36 [1 mark]

....

(Total for Question 2 is 3 marks)

3 (a) Use your calculator to work out $17.61 + 16.3 - 3.38$ [1 mark]

....

(b) Use your calculator to work out 176×9.5 [1 mark]

....

(c) Use your calculator to work out $17.65 \div 0.05$ [1 mark]

....

(Total for Question 3 is 3 marks)

4 Leoni has £10.85
Ivan has 789p

Leoni has more money than Ivan.

How much more?

....

(Total for Question 4 is 2 marks)

5 (a) Work out $\dfrac{2}{13} \times 6$

Give your answer as a fraction. [1 mark]

....

(b) Work out $\dfrac{2}{3}$ of 639 [2 marks]

....

(c) Find 40% of 580 [2 marks]

....

(d) Write 25% as a decimal. [1 mark]

....

(Total for Question 5 is 6 marks)

P66131RA0416

6 (a) Change 4 hours and 17 minutes into minutes. [2 marks]

(b) Work out $5\,\text{km}\,463\,\text{m} + 4\,\text{km}\,612\,\text{m} - 2\,\text{km}\,305\,\text{m}$ [2 marks]

....

(Total for Question 6 is 4 marks)

7 Amy buys

        3 portions of chips at £1.65 a portion
        2 pieces of fish at £4.20 a piece
        1 portion of mushy peas at 89p

She pays with a £20 note.

How much change should Amy get?

Write your answer in £.

(Total for Question 7 is 4 marks)

8 (a) Change 5.3 metres into centimetres. [1 mark]

(b) Change 5700 grams into kilograms. [1 mark]

(Total for Question 8 is 2 marks)

9 Look at the diagram for Question 9 in the diagram booklet.

It shows part of a calendar for October 2019

The dates from Tuesday 1st to Monday 7th have been filled in.

October 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7					

(a) What day of the week was the 24th October 2019? [1 mark]

....

Eliana had a 2 week holiday in 2019
This holiday **started** on the 27th October 2019

(b) On which date did this holiday end? [2 marks]

....

(Total for Question 9 is 3 marks)

10 Look at the model for Question 10. It is NOT accurate.
It is a cuboid.
It is 12 m long, 8 m wide and 9 m high.

Work out the volume of the cuboid.
Write your answer in m³.

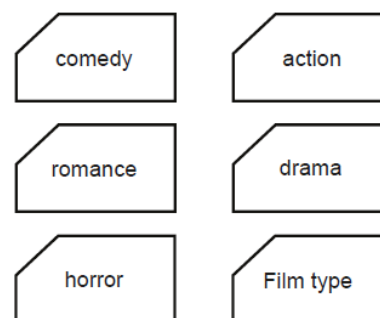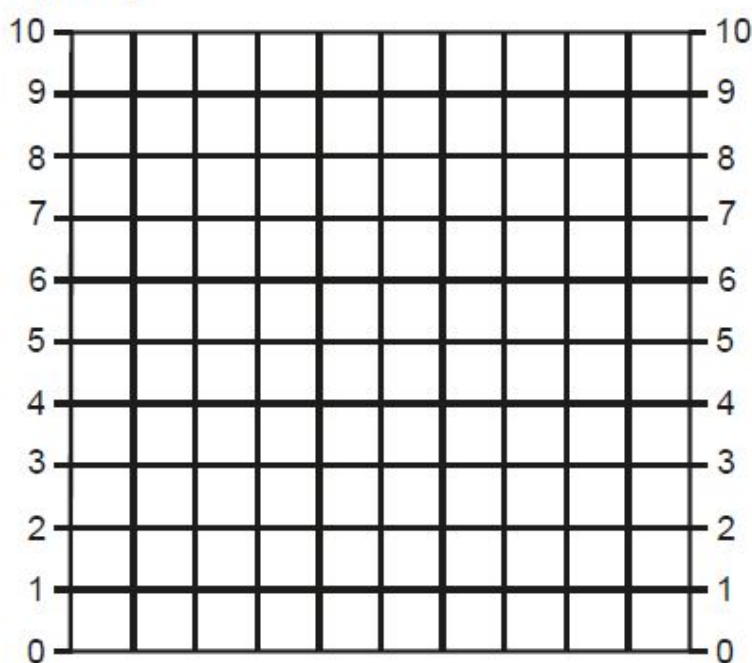(Total for Question 10 is 2 marks)

11 Look at the diagram for Question 11 in the diagram booklet. It shows a blank grid.

Tim asked some of his friends to name their favourite film type from a list of five film types.

The table on the facing page gives information about their answers.

Film type   Frequency
comedy ….. 7
action ……. 4
romance … 5
drama …… 9
horror ……. 2

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

Drawing film, labels and bumpons are provided if you wish to use them. [3 marks]

(b) Work out how many friends Tim asked. [1 mark]

(Total for Question 11 is 4 marks)

12 Look at the diagram for Question 12 in the diagram booklet.
It shows a clock face.
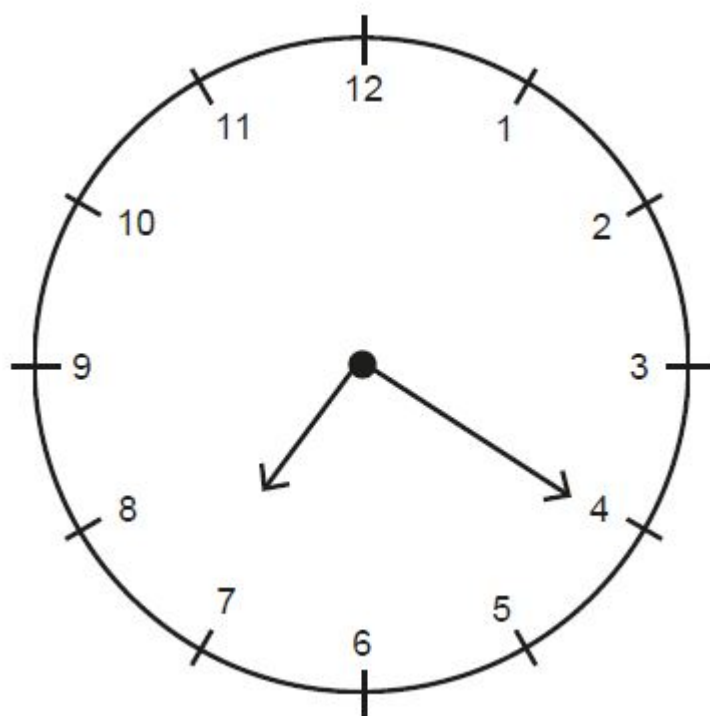
(a) Write down the time shown on the clock face. [2 marks]

Arthur left work at quarter past five one afternoon.
It took him 55 minutes to get home.

(b) At what time did Arthur get home from work that afternoon? [2 marks]

(Total for Question 12 is 4 marks)

13 On the facing page is some information about five lawn mowers.

[The following table is brailled in paragraph form. Each entry gives: Make of lawn mower; Cost; Power; Weight.]
Toughmow; £109; 1400W; 12 kg.
Mower 4U; £269; 1500W; 13 kg.
Qualitymow; £96; 1300W; 11 kg.
Perfectgrass; £145; 1200W; 12 kg.
Hovertrim; £99; 1150W; 10 kg.

(a) Which make of lawn mower is the cheapest? [1 mark]

(b) Which make of lawn mower has the greatest power? [1 mark]

(c) Which two makes of lawn mower have the same weight? [1 mark]

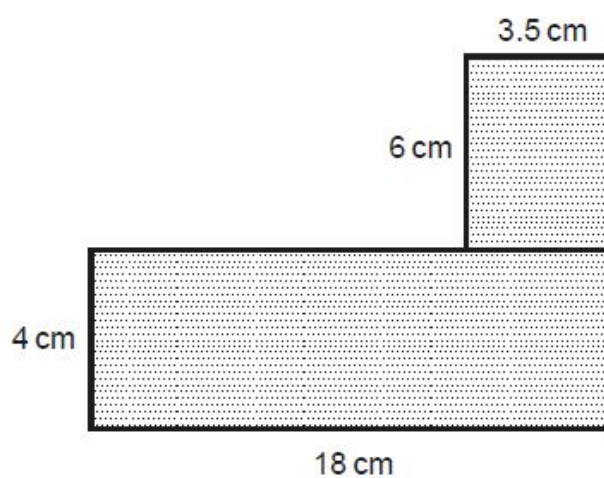**(Total for Question 13 is 3 marks)**

Turn over ▶

14 Samantha buys a packet of 6 identical currant buns for £1.63

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

15 Look at the diagram for Question 15 in the diagram booklet.
It shows a shaded shape made from two rectangles.
Four sides of the shape are labelled.

Work out the total area of the shaded shape.

Write your answer in cm².

16 Below is information from Cheng's water bill.

WATER COMPANY
Water bill for 14 June 2019 – 16 December 2019
New reading on 16 December 2019 … 783 m^3
Previous reading on 14 June 2019 … 690 m^3
Volume of water used ... _ m^3
Cost of water … £3.25 per m^3

Work out the total cost of the water that Cheng has used.

Write your answer in £.

TOTAL FOR SECTION A IS 50 MARKS

END OF PAPER

P 6 6 1 3 1 R A 0 1 3 1 6

BLANK PAGE

BLANK PAGE

BLANK PAGE