

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel  
Functional Skills**

Centre Number

Candidate Number

**Set 7**

Time: 25 minutes

Paper Reference **PMAT1/N07**

**Mathematics**

**Level 1**

**Section A (Non-Calculator)**



**You must have:**

Pen, HB pencil, eraser, ruler graduated in cm and mm, protractor, pair of compasses. Tracing paper may be used.

Total Marks

**My signature confirms that I will not discuss the content of the test with anyone.**

Signature: \_\_\_\_\_

### 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.
- Sign the declaration.
- Answer **all** questions.
- Write your final answers in the boxes provided.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You **must** show clearly how you get your answers in the spaces provided. Marks will be awarded for your working out.
- Check your working and answers at each stage.
- Diagrams are **not** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**
- Take the value of  $\pi$  to be 3.14

### Information

- The total mark for this section is 14.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*
- This sign ☒ shows where marks will be awarded for showing your checks.

### Advice

- Read each question carefully before you start to answer it.
- 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.

- 1 Chen is a weather presenter on TV.

The map shows the temperatures in five cities at noon on Monday.  
The temperatures are all shown in degrees Celsius.

Chen says

"The range of these temperatures at noon on Monday is  
8 degrees Celsius."



- (a) Is Chen correct?  
Show why you think this.

(2)



- (b) Use a reverse calculation to show a check for your answer.

(1)

(Total for Question 1 is 3 marks)



- 2 Paulo invests £2000 for 7 years.  
His investment earns 5% simple interest per year.

Work out the total amount of interest the investment earns in the 7 years.

(3)

£

(Total for Question 2 is 3 marks)



P 6 8 4 6 4 A 0 3 0 8

3 The probability of an event happening is  $\frac{7}{10}$

(a) Which of these words best describes the likelihood of this event happening?

(1)

Tick (✓) a box to show your answer.

impossible	unlikely	evens	likely	certain
[ ]	[ ]	[ ]	[ ]	[ ]

Here are 4 numbers.

714

720

726

724

(b) Calculate the mean of the 4 numbers.

(3)

(Total for Question 3 is 4 marks)



- 4 Harry sells bags of pasta.  
A bag holds 3 kilograms of pasta.
- Harry decides to sell pasta in boxes.  
A box holds 20% more pasta than a bag.
- A customer buys 10 boxes of pasta.

How many kilograms of pasta does the customer buy?  
You **must** show your working.

(4)

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A IS 14 MARKS



P 6 8 4 6 4 A 0 5 0 8



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