Please check the examination details below before entering your candidate information

Candidate surname	Other names

Pearson Edexcel Functional Skills

Centre Number	Candidate Number

Set 8

Time: 25 minutes | Paper Reference **PMAT1/N08**

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 π 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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SECTION A

Answer ALL questions. Write your answers in the spaces provided.

1

$7 \times 13 = 91$

(a) What is $91 \div 7$?

(1)

(b) Work out $4 + 5 \times 3$

(1)

(c) Use a reverse calculation to show a check of your answer for part (b).

(1)

(Total for Question 1 is 3 marks)

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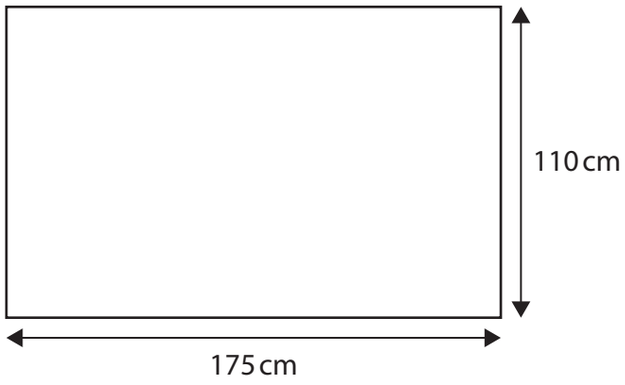
2 Esme is putting copper tape around a flower bed in her garden.

The flower bed is rectangular in shape.
She has this sketch of the flower bed.



Esme wants enough tape to go around all the edges of the flower bed 3 times.

Work out the length of tape Esme needs.
Give your answer in cm.

(3)

cm

(Total for Question 2 is 3 marks)

3 Jeff is looking for car insurance.
He must tell the insurance company the mean number of miles he drives his car each year.

Jeff bought his car 5 years ago.

Jeff knows when he bought the car the mean mileage was 27 563
Today the mean mileage is 72 889

Work out the mean mileage each year for the last 5 years.

(4)

miles

(Total for Question 3 is 4 marks)

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4 Jess buys sweets for her shop at a wholesalers.

On Tuesday Jess sees sweets with a price of £147.65
The price does not include VAT.

Jess wants to estimate the total cost including VAT.
VAT is 20%

Work out an estimate for the total cost of these sweets.
You **must** show your working.

(4)

£

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A IS 14 MARKS

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