

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel
Functional Skills**

Centre Number

Candidate Number

*****Past Paper 1*****

Time: 25 minutes

Paper Reference **PMAT1/N01**

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 your 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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Pearson

SECTION A

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

1

(a) Convert 3 metres into centimetres.

(1)

 cm

(b) Work out $3400 \div 1000$

(1)

(c) Calculate $35 - 15 \div 5$

(1)

(Total for Question 1 is 3 marks)

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2 Aaron is building a brick wall.

The wall will need 1025 bricks.
The weight of each brick is 2.89 kg.

Aaron will pay a delivery charge if the total weight of the bricks is over 2500 kg.

Use estimation to work out if you think Aaron will need to pay the delivery charge.
You **must** show your working.

(3)

(Total for Question 2 is 3 marks)



- 3 A farmer has a rectangular field.
The field is 300 m long and 200 m wide.

(a) Calculate the perimeter of the field.

(2)

 m

The farmer is buying fence panels.
He needs a total length of 200 m of fence panels.

Each fence panel is 2.5 m in length.

(b) Work out how many fence panels the farmer will need to buy.

(2)

(Total for Question 3 is 4 marks)

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- 4 Saira is buying a new car.
She will keep the car for 5 years.

Saira has this information.

Diesel car
Buying price £29515

Average running cost
£1200 each year

Petrol car
Buying price £26775

Average total running cost
£8000 for 5 years

Saira wants to see whether a diesel car or a petrol car is better value for the 5 years.

Which type of car is better value?
Show why you think this.

(4)

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A IS 14 MARKS





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