

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 **PMAT2/N08**

Mathematics

Level 2

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 16.
- 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 Eve buys lunch on her way to work.
She sees this meal deal.

Meal deal

Buy any sandwich
snack and drink
for £3.99

Eve chooses these items.

Chicken sandwich	£2.85
Fruit snack pot	79p
Coffee	£1.59

Work out how much money Eve will save using the meal deal.
You **must** show your working.

(3)

£

(Total for Question 1 is 3 marks)



P 6 8 4 7 0 A 0 3 0 8

2

Work out $74.88 \div 1.2$
You **must** show your working.

(3)

(Total for Question 2 is 3 marks)

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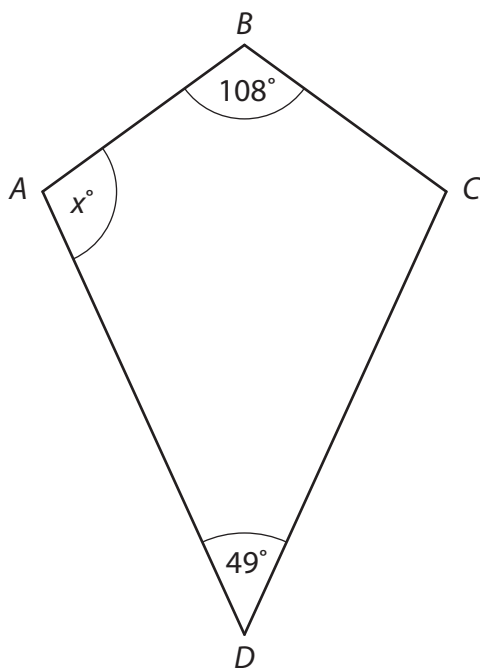
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- 3 $ABCD$ is a 4-sided shape.
 BD is a line of symmetry of the shape.



(a) Work out the value of x .

(3)



(b) Use estimation to check your answer.

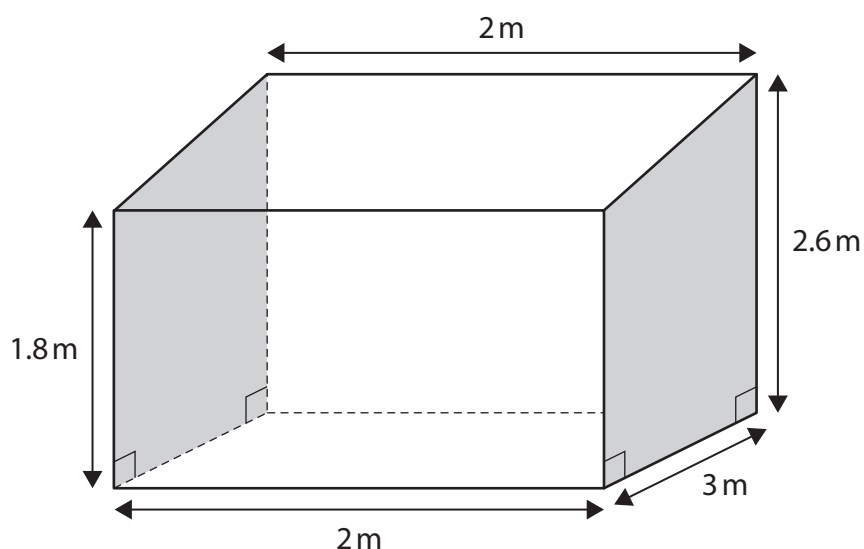
(1)

(Total for Question 3 is 4 marks)



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- 4 Max is building a new shed.
He has drawn this sketch.



Each shaded wall of the shed is in the shape of a trapezium.
The other two walls are rectangular.

Max wants to cover the four walls with wood cladding.
He will not use any cladding for the floor or the roof.

Max will buy the cladding in packs.
Each pack of cladding covers 1.1 m^2

The cladding can be cut and joined.

Max knows that the two rectangular walls need 8.8 m^2 of cladding in total.

Work out how many packs of cladding Max needs to cover the four walls.

(6)



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(Total for Question 4 is 6 marks)

TOTAL FOR SECTION A IS 16 MARKS



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