

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 3*****

Time: 25 minutes

Paper Reference **PMAT2/N03**

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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Pearson

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SECTION A

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

- 1** Kate is making some pastry.
She will use 20 ounces of flour.

Kate has a recipe that uses 8 ounces of flour with 3 ounces of butter.

Work out how many ounces of butter Kate needs to use.

(3)

ounces

(Total for Question 1 is 3 marks)

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2

(a) Work out the value of $4x + 3$ when $x = 2$

(1)

Here is a formula

$$A = 5\sqrt{B}$$

(b) Work out the value of A when $B = 16$

(2)

(Total for Question 2 is 3 marks)

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3

(a) Work out $\frac{5}{8}$ of 320

(2)

Kanya makes and sells jewellery items.

In one week she sells earrings, bracelets and necklaces in the ratio 13:24:15

(b) What fraction of the total items sold were bracelets?
Give your answer in its simplest form.

(2)

$$\frac{\square}{\square}$$

(Total for Question 3 is 4 marks)



4 Paul sees this advert for a payment plan for a laptop.

Laptop payment plan

normal price £240

pay a deposit of £36 and £15 a month for 12 months

use our payment plan and save 8% of the normal price

(a) Does using the payment plan save 8% of the normal price?
You **must** show your working.

(5)

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(b) Use estimation to check your calculation for the cost of the payment plan.

(1)

(Total for Question 4 is 6 marks)

TOTAL FOR SECTION A IS 16 MARKS



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