

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel
Functional Skills**

Centre Number

Candidate Number

**Sample assessment material for first teaching
September 2019**

Time: 25 minutes

Paper Reference **SAML1/01**

Mathematics

Level 1

Section A (Non – Calculator)



You must have:

Pen, HB pencil, eraser, ruler graduated in cm and mm, protractor,
pair of compasses.

Total Marks

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

Signature: _____

Instructions

- Use a **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 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 A music festival sells tickets on its website.
There are one hundred and twenty thousand tickets for sale.

Festival news

118 200 tickets sold in the first hour.

How many tickets are still for sale after the first hour?

You **must** show your working.

(3)

(Total for Question 1 is 3 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

2(a) Calculate 12^2 **(1)**(b) Work out $80 - 6 \times 2$ **(1)**(c) Work out $-18 - 14$ **(1)****(Total for Question 2 is 3 marks)**

3 Rosa makes candles to sell.

Each candle is in the shape of a cuboid of height 8 cm.
The base of each candle is a square of perimeter 20 cm.

Rosa needs to know the volume of one candle.

- (a) Work out the volume of one candle.
Remember to give units with your answer.

(3)



- (b) Use reverse calculations to show a check of your answer.

(1)

(Total for Question 3 is 4 marks)

4

(a) Round 11.348 correct to two decimal places.

(1)

Rashid works at an animal centre.

The animal centre sells tickets for 49 weeks of the year.

A student ticket costs £9.90

The animal centre sold 23 student tickets last week.

Rashid assumes that the same number of student tickets are sold each week.

He wants to estimate the income from the sale of student tickets for the year.

(b) Estimate the income from the sale of student tickets for the year.

(3)

£

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A = 14 MARKS