SAMPLE PAPER 1
Level 1 Functional Skills Mathematics

Duration: 25 minutes
Total marks: 15

SECTION 1 – CALCULATOR NOT PERMITTED
VERSION 1.1

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration*

***I declare that I had no prior knowledge of the questions in this assessment and that I will not share information about the questions.**

You should have the following for this assessment:

- a pen with black or blue ink
- a pencil (for diagrams, graphs and charts only)
- an eraser
- a 30cm ruler
- a protractor.

You must NOT use a calculator for Section 1.

General instructions

- Read through each question carefully.
- Write all your answers in this booklet.
- Check your calculations and check that your answers make sense.
- You must hand this section in before you can pick up your calculator to begin Section 2.

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Section 1 – CALCULATOR NOT PERMITTED

There are **15** marks available in this section.

You should check all your work as you go along.

You must **not** use a calculator in this section.

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Q1

4 + 3 x 2 =

_____

(1 mark)

Q2

25^2 =

_____

(1 mark)

Q3

What is $\frac{2}{5}$ as a decimal?

_____

(1 mark)

Q4

–12 + 13 =

(tick one box)

A 1 ☐

B – 1 ☐

C 25 ☐

D – 25 ☐

(1 mark)

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Q5

60% of 300g is

(tick one box)

A 18g ☐

B 50g ☐

C 180g ☐

D 200g ☐

(1 mark)

Q6

155	125	145	95	150	155
125	99	100	178	95	180

What is the range of these numbers?

_____

(1 mark)

Q7 A man puts £3000 into a savings account.
The interest rate is 5% per year.

How much will the interest be for the first year?

£ _____

(1 mark)

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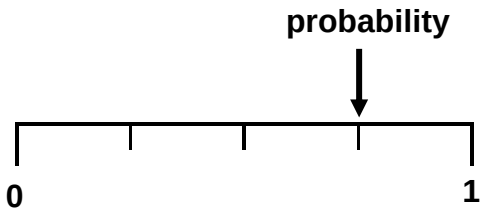
Q8

This scale shows the probability that something will happen.



What probability does the scale show?

(tick one box)

A impossible ☐

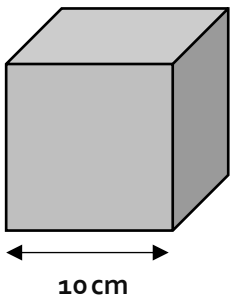
B certain ☐

C unlikely ☐

D likely ☐

(1 mark)

Q9



What is the volume of this cube?

_____ **cm³**

(1 mark)

Q10

$5\frac{2}{5}$ is the same as

$$\frac{\square}{5}$$

(1 mark)

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Q11 A customer wants to buy a coat in the sale in a clothes shop. He has £30.

SALE
All coats
Reduced to **70%**
of the ticket price

Can the customer afford to buy the coat?

Yes or No _____

Show how you got your answer.

(2 marks)

Q12 A sandwich shop owner makes 1 sandwich with brown bread for every 4 sandwiches he makes with white bread.

Today he needs to make 600 sandwiches altogether.

How many sandwiches should he make with brown bread today?

_____ **sandwiches**

(1 mark)

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Q13 Jon is a checkout assistant in a supermarket.

There are 5 tills and 5 assistants. The supervisor allocates the tills to the assistants randomly at the start of each day.

No one likes the till next to the door.

What is the probability that Jon will get the till next to the door today?
Give your answer as a fraction in its simplest form.

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

(1 mark)

Q14 A van has a fuel tank that holds 60 litres when full.

This diagram shows the fuel gauge on the van.

Approximately how many litres of fuel are left in the tank? **Give your answer in whole litres.**

_____ **litres**

(1 mark)

End of Section 1.
When you have finished you MUST hand this booklet in to the invigilator before you can pick up your calculator to start Section 2.

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