

Level 1 Functional Skills Mathematics SAMPLE PAPER 3

Duration: 25 minutes

Total marks: 15

SECTION 1 – CALCULATOR NOT PERMITTED

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration*

- If additional answer sheets are used, enter the additional number of pages in this box.
- Before taking the examination, **all candidates** must check that their barcode label is in the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.
- Please ensure that you staple additional answer sheets to the **back** of this answer booklet, clearly labelling these with your full name, enrolment number, centre number and qualification number in **BLOCK CAPITALS**.
- All candidates need to use a **black/blue** pen. **Do not** use a pencil or gel pen, unless otherwise instructed.
- If provided with source documents, these documents **must** be returned to City & Guilds. Do not write on the source documents.

*** I declare that I had no prior knowledge of the questions in this examination and that I will not divulge to any person any information about the questions.**

Please check that your name is correctly printed on the candidate barcode label. If not, please tell the invigilator before the start of the exam.

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.
- You may use a dictionary.
- Write all your answers in this booklet.
- Check your calculations and check that your answers make sense.

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.



Q1

4.7 x 1000 =

(1 mark)

Q2

16 $\frac{2}{3}$ is the same as

(tick one box)

A $\frac{18}{3}$

B $\frac{50}{3}$

C $\frac{32}{3}$

D $\frac{48}{3}$

(1 mark)

Q3

What is 8% as a decimal?

(1 mark)

Q4

12² =

(1 mark)

Q5

What is 7.2857 rounded to two decimal places?

_____ **(1 mark)**

Q6

$$8 + (7 - 5) \times 3 =$$

_____ **(1 mark)**

Q7

What is two hours and thirty eight minutes in **minutes**?

_____ **minutes**
(1 mark)

Q8

What is $\frac{2}{5}$ of 300m?

_____ **metres**
(1 mark)

Q9

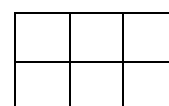
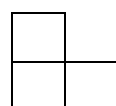
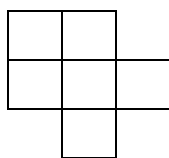
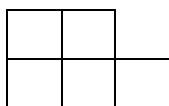
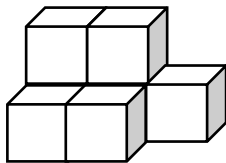
Which one of these lists of decimals is in **increasing** order?

(tick one box)

- A** 0.401 0.42 0.503 0.59
- B** 0.59 0.503 0.42 0.401
- C** 0.42 0.59 0.401 0.503
- D** 0.503 0.59 0.42 0.401

Q10

Which is a **plan view** of the object shown?



(tick one)

A

B

C

D

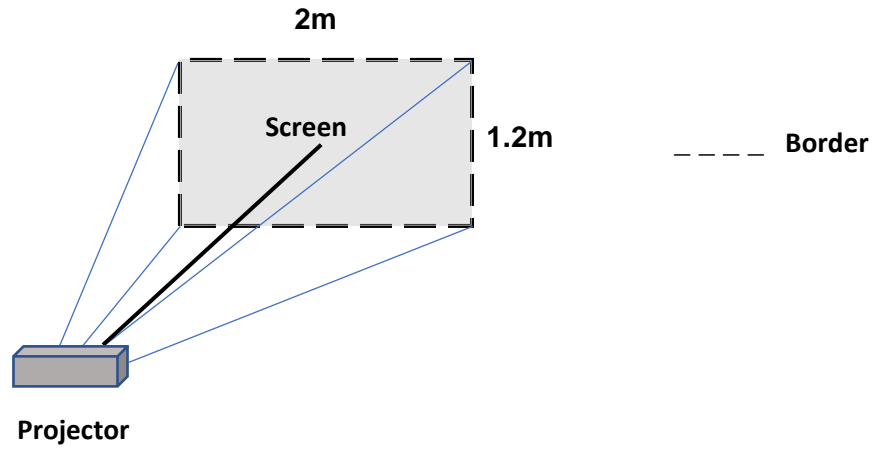
(1 mark)

Q11

A community centre projects films on to a screen.

The manager wants to make a wooden border around the screen.

She needs to order the wood.



What length of wood does she need to order?

Show your working

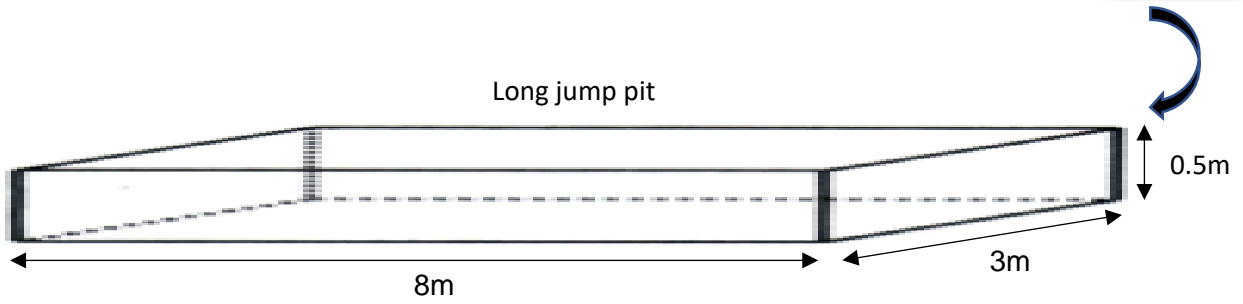
_____ m

(2 marks)

Q12

A sports club needs to replace the sand in a long jump pit.

The groundsman works out the capacity of the long jump pit to order enough sand.



What amount of sand does he order?
Put units on your answer.

Show your working

(3 marks)

Extra space for working out and answers

End of Section 1