

# 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 =

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**(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?

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**(1 mark)**

**Q4**

12<sup>2</sup> =

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**(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**

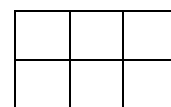
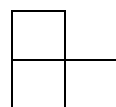
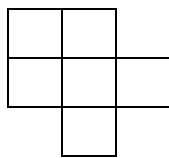
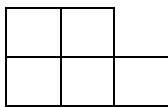
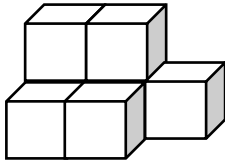
Which one of these lists of decimals is in **increasing** order?

*(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**

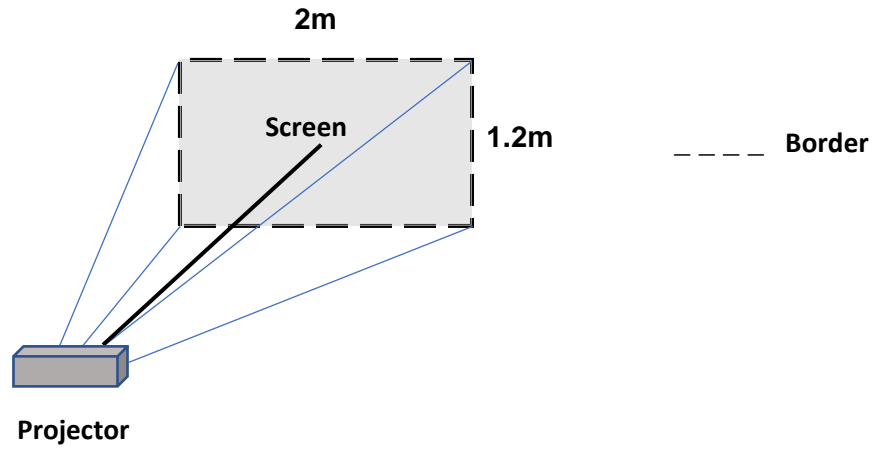
**(1 mark)**

**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**

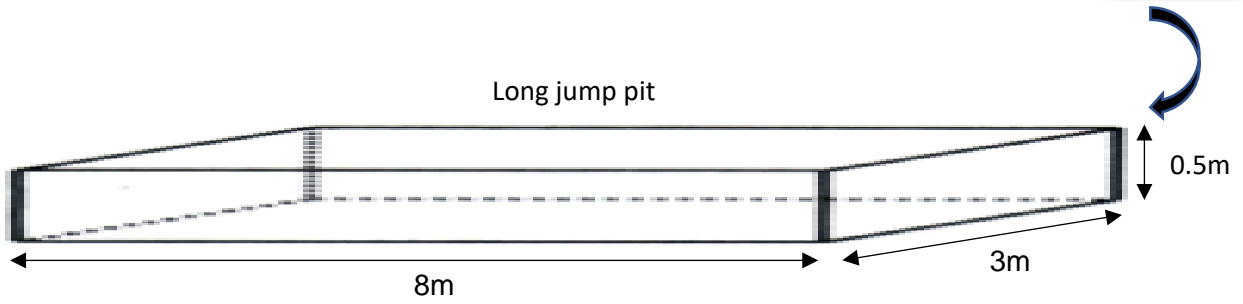
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(2 marks)

**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

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**(3 marks)**

**Extra space for working out and answers**

**End of Section 1**