



FUNCTIONAL SKILLS MATHS & ENGLISH

LEVEL 1 & 2 EXAMS

WHO WE ARE

Leading training company for 26 years

Intech Centre is an established training provider based in Islington, London, with over 26 years of experience in delivering education, employability and digital skills programmes.

Intech Centre specialises in **Functional Skills English and Maths Level 1 & 2**, helping learners successfully pass Level 1 and Level 2 Functional Skills exams required for university entry, apprenticeships, teacher training, nursing courses and many other professional pathways.

Thousands of learners have used our resources, courses and exam services to achieve nationally recognised qualifications.

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SERVICES

Courses

- Functional Skills Maths
- Functional Skills English

Tutoring

- Functional Skills Maths & English Exam Tutoring

EXAMS

- ➔ Functional Skills **Maths** Level 1 or 2 Exam **in London**
- ➔ Functional Skills **English** Level 1 or 2 Exam **in London**
- ➔ **Online** Functional Skills **Maths** Level 1 or 2 Exam
- ➔ **Online** Functional Skills **English** Level 1 or 2 Exam



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BOOK YOUR FUNCTIONAL SKILLS EXAM NOW!

**Level 2 Functional Skills Mathematics
SAMPLE PAPER 2**



A City & Guilds Group Business

Version 1.1

**Duration: 25 minutes
Total marks: 15 marks**

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*

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



You must NOT use 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.



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

What is 108 as a fraction of 648? Give your answer in its simplest form.

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

(1 mark)

Q2

Which one of the following lists is in decreasing order?

(tick one box)

A $\frac{1}{5}$ 0.05 $\frac{17}{50}$ 0.15

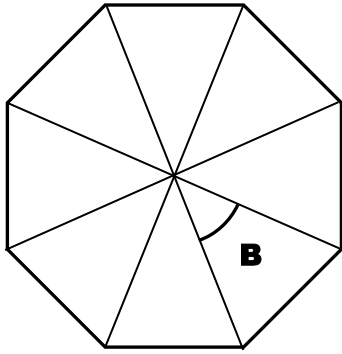
B 0.05 $\frac{17}{50}$ $\frac{1}{5}$ 0.15

C 0.15 $\frac{1}{5}$ 0.05 $\frac{17}{50}$

D $\frac{17}{50}$ $\frac{1}{5}$ 0.15 0.05

(1 mark)

Q3 The diagram shows a regular polygon.



What is the size of angle B.

_____°

(1 mark)

Q4

Work out the value of y if $4y = 144$

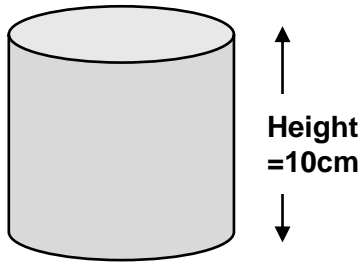
(1 mark)

Q5

$$\frac{3^2}{3} - 28 =$$

(1 mark)

Q6 The radius of the top of this cylinder is **7cm**



Use $\pi = \frac{22}{7}$

What is the volume of the cylinder?

_____ cm³

(1 mark)

Q7

$$\frac{11}{8} - \frac{1}{16} =$$

(tick one box)

A $\frac{5}{8}$

B $1\frac{5}{8}$

C $1\frac{5}{16}$

D $2\frac{5}{16}$

(1 mark)

Q8

$$4.50 \div 0.05 =$$

(1 mark)

Q9

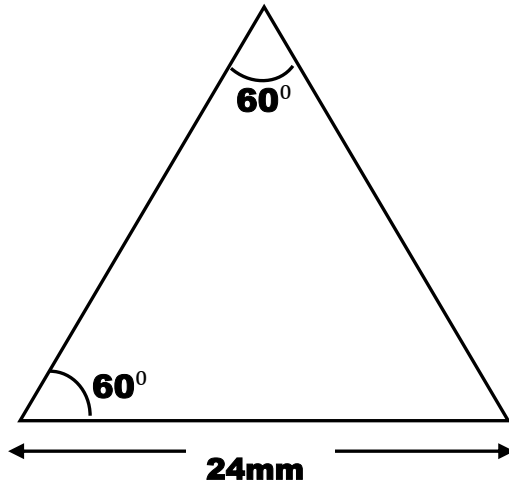


Diagram not to scale

What is the perimeter of this triangle?

_____ mm

(1 mark)

Q10 A call centre aims to deal with calls in less than 5 minutes.

Calls come in randomly.

The table shows data for the calls made to the centre.

Type of call	Proportion of all calls	Completed in less than 5 minutes
Customer complaints	1/4	1/2
New business	3/4	1/8

Work out the probability that the next call will be a customer complaint completed within under 5 minutes.

Give your answer as a fraction in its simplest form.

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

(1 mark)

Q11 The government announces that the minimum wage for people over 25 years old will increase from £8.21 to £8.72 per hour.

A 26 year old woman works 30 hours a week and is paid the minimum wage.

She thinks that the extra money she will earn will cover a rent increase of £20 per week.

Is the woman correct? Show your calculation.

Decision (*tick one*) **yes** **no**

Calculation

(1 mark)

Q12 A driver sees this speed limit sign in France. The speed is in kilometres per hour.



He is driving at 80 miles per hour.

$$1 \text{ kilometre} = \frac{5}{8} \text{ mile}$$

He thinks this is below the speed limit.

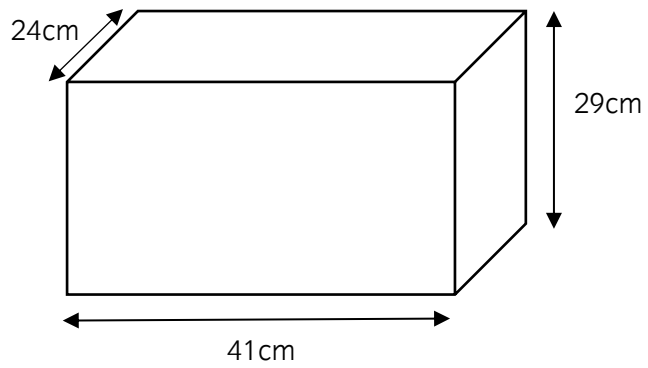
Is he correct? Explain your answer showing your calculation.

Decision (*tick one box*) **yes** **no**

Explanation

(2 marks)

Q13 A man has a fish tank with the following dimensions:



He needs to know approximate volume of the tank.

What is its approximate volume?

_____ cm³
(2 marks)

End of Section 1



Book Your Functional Skills Exam Now!

Intech Centre is a leading training, careers and examination centre based in Islington, London, delivering Functional Skills Maths and English courses and exams for over 26 years.



Book Now!



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Functional Skills English Level 1 & 2	Enrol on Course	Book Online Exam	Book London Exam

Why Intech Centre?

- Over **26 years' experience** as a UK training and exam centre in London.
- **City & Guilds Functional Skills Maths and English exams**, Ofqual regulated and nationally recognised.
- Flexible **online learning** with 24/7 access plus online or centre-based exam options.
- Ideal if you still need GCSE Maths or English equivalent for university entry, teacher training, apprenticeships or employment.

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