



# 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.

[BOOK NOW](#)[LEARN MORE](#)

*\* The materials in this document are the intellectual property of the relevant awarding organisation and are shared for educational and revision purposes only. Intech Centre does not claim ownership of these materials and all rights remain with the respective awarding body.*

### 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



[www.intechcentre.com](http://www.intechcentre.com)



362 Essex Road  
Islington N1 3PD



020 7354 5655

**BOOK YOUR FUNCTIONAL SKILLS EXAM NOW!**

**SAMPLE PAPER 1**  
**Level 2 Functional Skills Mathematics**

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

**SECTION 1 – CALCULATOR NOT PERMITTED**  
**VERSION 1.0**

---

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.

**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  $\frac{2}{3}$  as a percentage? Give your answer rounded to two decimal places.

\_\_\_\_\_ %

**(1 mark)**

**Q2**

What is 14% of 200?

\_\_\_\_\_

**(1 mark)**

**Q3**

$$2\frac{1}{2} + 3\frac{3}{4} =$$

*(tick one box)*

**A**      $5\frac{1}{4}$     

**B**      $5\frac{4}{6}$     

**C**      $6\frac{1}{4}$     

**D**      $6\frac{4}{6}$     

**(1 mark)**

**Q4**

What is 75 as a fraction of 125? Give your answer in its simplest form.

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

(1 mark)

**Q5**

$$\frac{1}{2} - \frac{2}{7} =$$

Give your answer in its simplest form.

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

(1 mark)

**Q6**

$$(8 + 2 \times 6)^2 =$$

\_\_\_\_\_

(1 mark)

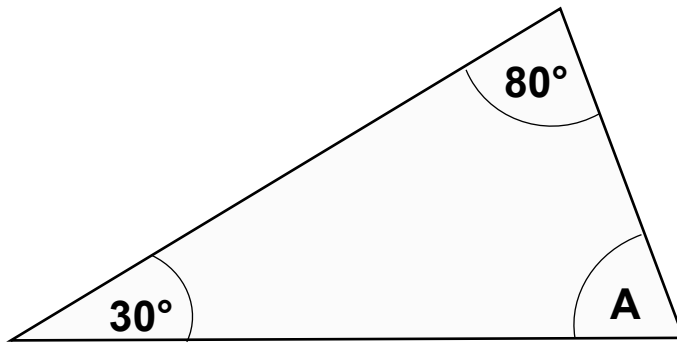
**Q7**

What is the value of  $3ab$  when  $a = 5$  and  $b = 6$ ?

\_\_\_\_\_

(1 mark)

Q8



Calculate the size of angle A.

\_\_\_\_\_°  
(1 mark)

Q9

$$900 + 1500 \div 300 =$$

\_\_\_\_\_  
(1 mark)

Q10

$$147.206 - 95.438 =$$

\_\_\_\_\_  
(1 mark)

**Q11** A car can travel 480 miles on a full tank of petrol. The tank holds 60 litres. The fuel gauge shows there are 15 litres left in the tank.

How many more miles can the car travel before it runs out of petrol?

\_\_\_\_\_ miles  
(1 mark)

**Q12** The probability that a salesperson will get an order from a visit to a customer is  $\frac{1}{4}$   
She has 2 visits tomorrow.

What is the probability that she will get orders from **both** visits tomorrow?

Give your answer as a fraction in its simplest form.

<input type="text"/>
<hr/>
<input type="text"/>

(1 mark)

**Q13** This table shows the change in the number of employees in different departments of a company compared to last year.

Department	Change compared to last year
Admin	-1
Design	0
Production	+4
Packing	+2
Warehouse	-1
Marketing	-3

What is the **total** change in the number of employees compared to last year?

(tick one box)

- A** 1 fewer
- B** 1 more
- C** 11 fewer
- D** 11 more

(1 mark)

**Q14** A manager wants to give a pay rise to everyone who is paid less than the average salary. This table shows the annual salaries of the employees in the company.

Employee	Salary (in £ thousands)
AJ	16
TM	23
WF	23
SW	22
MT	15.5
RD	18.5
JR	20
LS	23
PB	36

Tick all of the employees who are paid less than the median salary.

(1 mark)

**Q15**

The distance between two villages on a map measures 6 centimetres.

The map has a scale 1:25 000

What is the actual distance between the two villages in **kilometres**?

\_\_\_\_\_ km

(1 mark)

**End of Section 1.**

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



# 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!**



## Book Your Exams & Courses

Qualification	Private Course	Online Exam	Exam in London
Functional Skills Maths Level 1 & 2	<a href="#">Enrol on Course</a>	<a href="#">Book Online Exam</a>	<a href="#">Book London Exam</a>
Functional Skills English Level 1 & 2	<a href="#">Enrol on Course</a>	<a href="#">Book Online Exam</a>	<a href="#">Book London Exam</a>

## 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.

CALL US FOR MORE INFORMATION:



**020 7354 5655**



[www.intechcentre.com](http://www.intechcentre.com)



[info@intechcentre.com](mailto:info@intechcentre.com)