



# 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!**

Please write clearly in block capitals.

Centre number

Candidate number

Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Candidate signature \_\_\_\_\_

I declare this is my own work.

# Functional Skills Level 2 MATHEMATICS

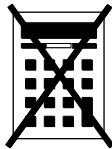
## Paper 1 Non-Calculator

Time allowed: 30 minutes

### Materials

For this paper you must have:

- mathematical instruments.
- You must **not** use a calculator.



### Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.
- State the units of your answer where appropriate.

### Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 20.
- You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.

### Advice

In all calculations, show clearly how you work out your answer.

For Examiner's Use	
Question	Mark
1–5	
6	
<b>TOTAL</b>	



J U N 2 2 8 3 6 2 1 0 1

**Section A**Answer **all** questions in the spaces provided.

- 1** Circle the ratio equal to 9 : 2 **[1 mark]**

$\frac{2}{9} : 1$

4.5 : 1

$4.5 : \frac{2}{9}$

1 : 4.5

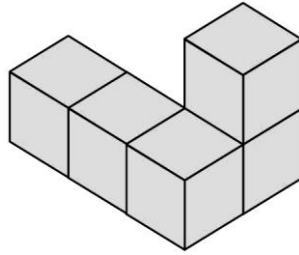
- 2** Write the number 3 490 200 in words. **[1 mark]**

---

---

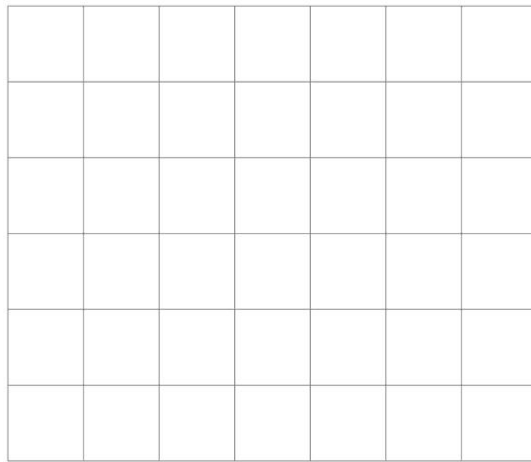


- 3 Here is a solid made from centimetre cubes.



On the centimetre square grid, draw a plan view of the solid.

[1 mark]



Turn over for the next question

Turn over ►



4 Work out  $3.86 + 0.013 \times 5$

[2 marks]

---

---

---

---

---

---

---

Answer \_\_\_\_\_

5 Which is greater,  $3\frac{2}{9}$  or  $\frac{13}{4}$  ?

You **must** show your working.

[3 marks]

---

---

---

---

---

---

---

---

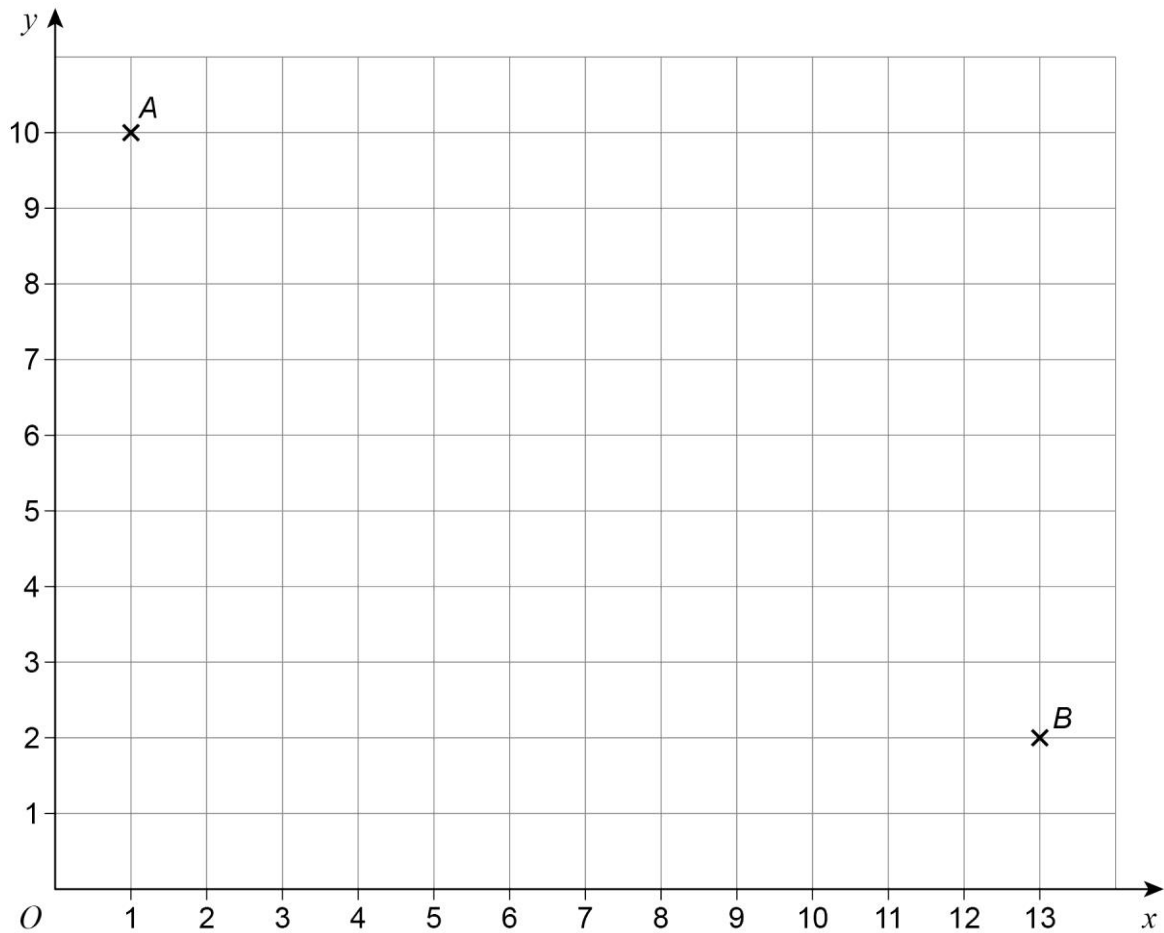
Answer \_\_\_\_\_

—  
8



**Section B**Answer **all** questions in the spaces provided.**6 Toy cars**

Max has made a straight race track for his toy cars on a floor.

**6 (a)** The grid represents the floor.The straight track starts at  $A(1, 10)$  and finishes at  $B(13, 2)$ .There is a flag at the **halfway point** of the track.

Work out the coordinates of the flag.

**[3 marks]**


---



---

Answer ( \_\_\_\_\_ , \_\_\_\_\_ )

**Turn over ►**

**6 (b)** Max wants to compare the performance of two cars, P and Q.

Each car does four timed races on the track.

For car P,

mean = 9.3 seconds

range = 3.8 seconds

The table shows the results for car Q.

	Race 1	Race 2	Race 3	Race 4
Time, seconds	10.15	8.35	7.8	12.1

Compare the average time and consistency of the two cars.

You **must** show your working.

**[5 marks]**

Average time \_\_\_\_\_

---



---



---



---



---

Consistency \_\_\_\_\_

---



---



---



---





**There are no questions printed on this page**

*Do not write  
outside the  
box*

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**



**There are no questions printed on this page**

*Do not write  
outside the  
box*

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**











# 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**



**info@intechcentre.com**