



# 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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- 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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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

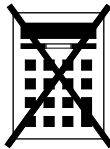
## Paper 1 Non-Calculator

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
1–6	
7	
<b>TOTAL</b>	



M A R 2 2 8 3 6 2 1 0 1

**Section A**Answer **all** questions in the spaces provided.**1** Here are nine numbers.

1 1 1 2 2 4 4 6 6

Circle the mode.

**[1 mark]**

1 2 3 6

**2** Write 9007065 in words.**[1 mark]**

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**3** Work out  $7.4 - 2.137$ **[1 mark]**

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Answer \_\_\_\_\_



4 Work out  $50 + 75 \div 5^2$

[2 marks]

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Answer \_\_\_\_\_

5 Write  $4\frac{3}{7}$  as an improper fraction.

[1 mark]

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Answer \_\_\_\_\_

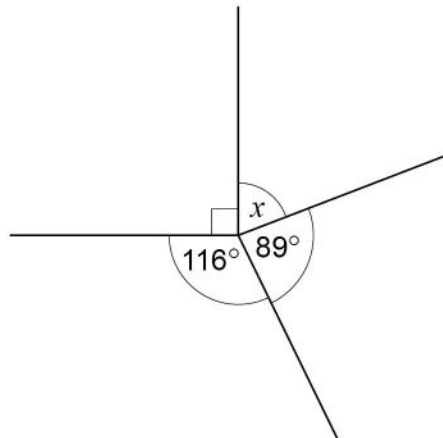
**Turn over for the next question**

**Turn over ►**



6 Work out the size of angle  $x$ . [2 marks]

Not drawn  
accurately



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Answer \_\_\_\_\_ °

8



**Section B**

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

**7 Rowing club**

Jake is a member of a rowing club.



**7 (a)** Jake goes rowing at the club one morning.

He leaves home at 7.30 am

It takes him

25 minutes to drive to the club

and then

45 minutes to get the boat ready and start rowing.

Jake rows at an average speed of 10 kilometres per hour for a distance of 5 kilometres.

What time is it when he has rowed 5 kilometres?

**[4 marks]**

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Answer \_\_\_\_\_

**Turn over ►**



- 7 (b)** Jake wants to row 60 kilometres in one week.  
He rows 7 kilometres every day for 5 days.

What **fraction** of the 60 kilometres does he have left to row?

Give your answer in its simplest form.

**[3 marks]**

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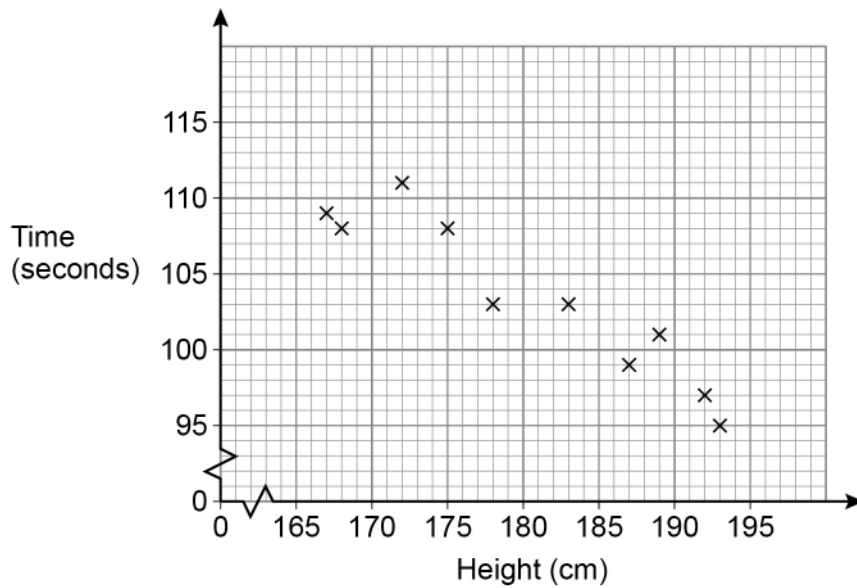
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Answer \_\_\_\_\_



- 7 (c)** Twelve rowers take part in a race.  
Jake records the height of each rower and the time they take to complete the race.  
Ten of the results are shown on the scatter diagram.



The table shows the data for the other two rowers.

Height (cm)	Time (seconds)
170	110
185	99

Plot the two extra points and then use the scatter diagram to estimate the time for a rower of height 180 cm

You **must** show your working, which should be on the diagram.

Give the units of your answer.

**[5 marks]**

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Answer \_\_\_\_\_

12

**END OF QUESTIONS**



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outside the  
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ANSWER IN THE SPACES PROVIDED**









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1 2



2 2 3 G 8 3 6 2 / 1

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