



# 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!**

## NCFE Level 2 Functional Skills Qualification in Mathematics (603/5060/X)

Paper number: P001260  
Section A: Non-calculator Test



**Time allowed:** 30 minutes

### Learner instructions

- Answer **all** questions.
- Read each question carefully.
- Write your answers in the spaces provided.
- Show your working, as marks may be awarded for working.
- State units in your answers, where appropriate.
- Check your work.

### Learner information

- Section A contains **Activity 1** only.
- The maximum mark for this section is **15**.
- The marks available for **each** question are shown in brackets.

### Resources

You will need a:

- pen, with black or blue ink
- pencil and eraser
- 30 cm ruler
- protractor.

To be completed by the examiner		Mark
A	Activity 1	/ 15
B	Activity 2	/ 15
	Activity 3	/ 15
	Activity 4	/ 15
TOTAL MARK		/ 60

If extra pages are used, please make sure your name and centre name are on them and they are securely fastened to this booklet.

**Please complete the details below clearly and in BLOCK CAPITALS.**

Learner name \_\_\_\_\_

Centre name \_\_\_\_\_

Learner number  Centre number

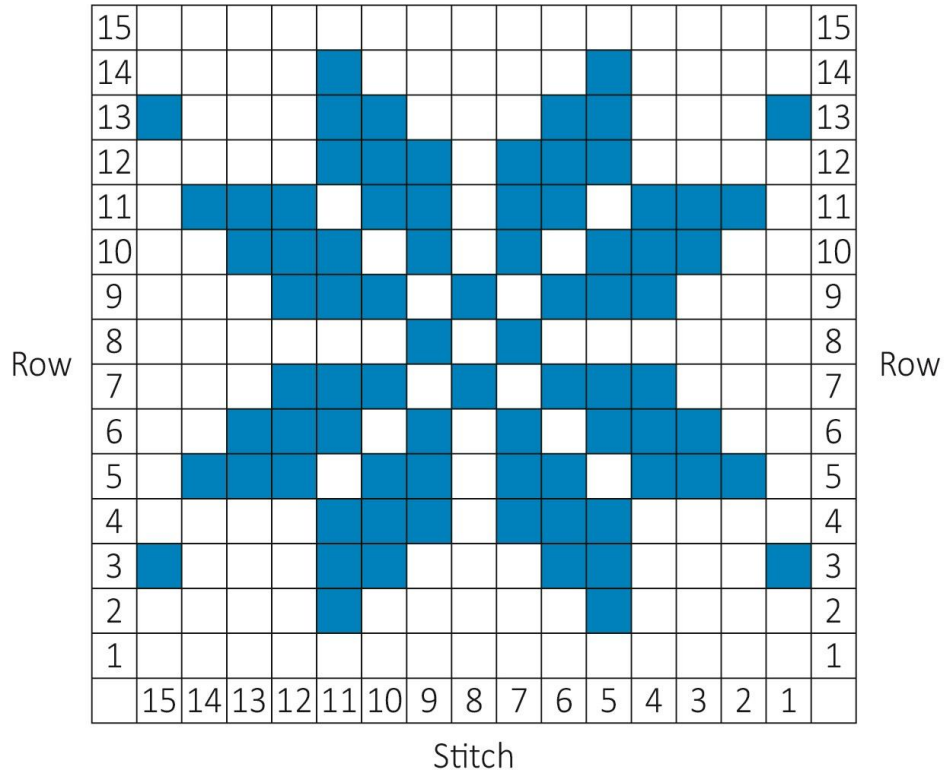
**Do not turn over until the invigilator tells you to do so.**

Past Paper

**This page is intentionally left blank.**



1 (b) Here is a different knitting chart.



This chart tells knitters what colour wool to use for each stitch in the pattern.

Joti changes the chart.

She adds four more blue stitches to give the pattern four lines of symmetry.

Write down the coordinates of the four blue stitches Joti adds.

[2 marks]

Your answer:

Stitch	_____	Row	_____
Stitch	_____	Row	_____
Stitch	_____	Row	_____
Stitch	_____	Row	_____

1 (c)

Gavin goes to Joti's shop.

He is making a circular blanket.

The finished blanket will have a radius of 0.325 m

It will have ribbon all around the edge.

He thinks he will need 2.5 m of ribbon.

Gavin knows that  $\pi$  is about 3.1416

Round  $\pi$  to **1 decimal place** and **use this value** to work out how much ribbon Gavin will have left if he buys 2.5 m



[4 marks]

Past Paper

Your answer:

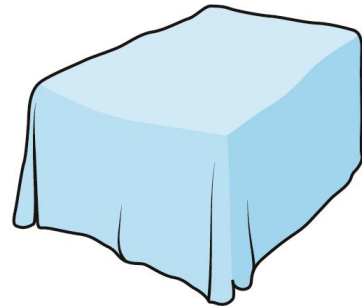
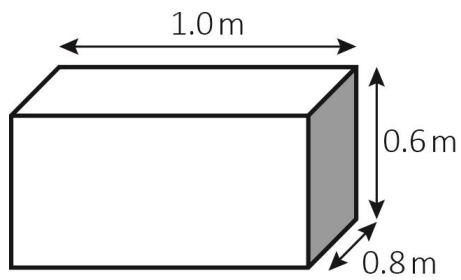
<b>m</b>
----------

Please turn over



1 (d) Sheba also goes to Joti's shop.

She is knitting a rectangular cover for a large storage box.



Calculate the length and width of the cover required to cover the box, as shown in the diagram.

[2 marks]

Blank area for the student to show their work.

Your answer:

m

1 (e) Knitting needles are long, thin cylinders with a point at one or both ends.

The size of a knitting needle is the diameter of the cylinder in mm

For example, these needles have a diameter of  $2\frac{1}{4}$  mm



Calculate the difference in diameter between  $6\frac{1}{2}$  mm needles and  $3\frac{3}{4}$  mm needles.

Give your answer as a mixed number.

[1 mark]

Your answer:

mm

Please turn over



1 (f) The old world record for the longest knitting needles was 3.98 m

The new world record is 11% longer.

What is the new world record for the longest knitting needles?

Give your answer in m



[2 marks]

Your answer:

m

**1 (g)** The relative thickness of wool can be described using improper fractions.

Put these improper fractions in order of size, starting with the smallest.

$$\frac{3}{2} \quad \frac{7}{4} \quad \frac{5}{3}$$

[2 marks]

Your answer:

**1 (h)** Joti and her friends knit squares to make patchwork blankets.

It takes 4 people 20 days to knit enough squares for one blanket.

How long would it take 8 people if they knit at the same rate?



[1 mark]

Your answer:

days

[Total marks: 15]

**This is the end of Section A.**



Past Paper

**This page is intentionally left blank.**



# 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**