



FUNCTIONAL SKILLS MATHS & ENGLISH

LEVEL 1 & 2 EXAMS

Functional Skills Maths & English Exams

Exam Centre is a specialist provider of **Functional Skills** qualifications in **Maths** and **English**, offering **City & Guilds** examinations that are fully regulated and **approved by Ofqual**.

Our Functional Skills qualifications are recognised as equivalent to **GCSE grade 4+ (grade C and above)**, providing learners with a credible and nationally accepted route into further education, apprenticeships, and employment.

[BOOK NOW](#)

[LEARN MORE](#)

Online Courses

- ➔ Functional Skills Maths
- ➔ Functional Skills English

Exams

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

***Disclaimer:** The content of this document belongs to the respective awarding body and is shared for educational purposes only, Exam Centre does not claim ownership of this material.*



www.examcentre.co.uk



362 Essex Road
Islington N1 3PD



020 7288 9020

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.

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

Resources

You will need a:

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

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.

Activity 1: Knitting

- 1 (a) Joti works in a knitting shop.
The shop sells knitting charts like the one below.

Knitting is made from rows of stitches.
The symbols in the chart tell knitters what type of stitch to use.

The chart is a coordinate grid.

20	•	•					\							0					•	•	20		
19	•	•						\						0						•	•	19	
18	•	•							\						0					•	•	18	
17	•	•								\					0					•	•	17	
16	•	•									\					0				•	•	16	
15	•	•										\				0				•	•	15	
14	•	•											\				0			•	•	14	
13	•	•												\	0					•	•	13	
12	•	•																		•	•	12	
11	•	•																		•	•	11	
Row	10	•	•					0							/					•	•	10	Row
	9	•	•						0						/					•	•	9	
	8	•	•					0							/					•	•	8	
	7	•	•						0						/					•	•	7	
	6	•	•			0				/										•	•	6	
	5	•	•				0		/											•	•	5	
	4	•	•	0				/												•	•	4	
	3	•	•		0	/														•	•	3	
	2	•	•																	•	•	2	
	1	•	•																	•	•	1	
		17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1					

Tick the symbol which is in stitch 5, row 13.

[1 mark]

Your answer:

 0

 /

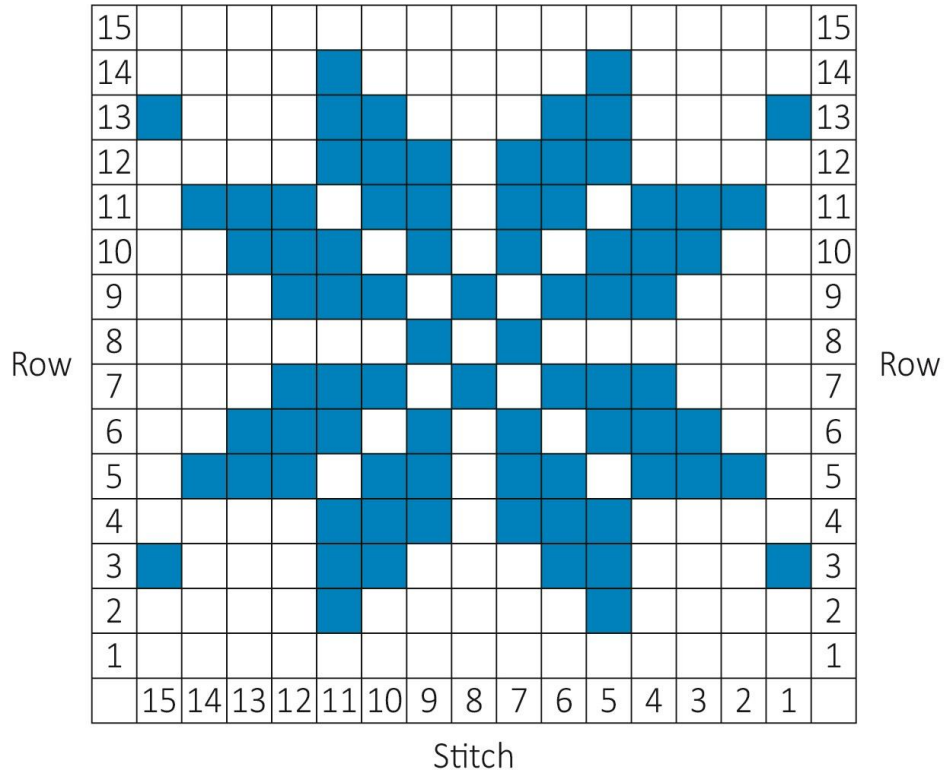
 \

 •

Please turn over



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 π is about 3.1416

Round π 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:

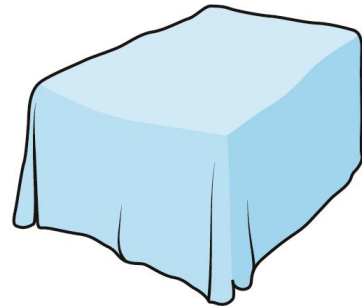
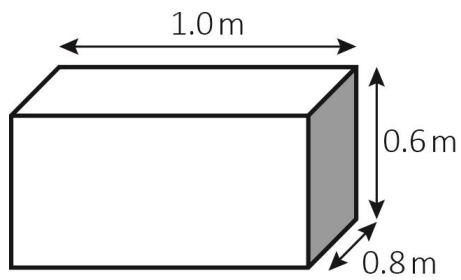
m

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 calculations.

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.



Ready to Take Your Functional Skills Exam?

Exam Centre is offering Ofqual-regulated, City & Guilds approved Functional Skills Maths and English exams; the nationally recognised GCSE grade 4+ (grade C) equivalent. Whether you're sitting for the first time or resitting, we offer flexible exam bookings online and at our centre all year round.

 **Book Now!**

Book Your Exams & Courses

Qualification	Private Course	Online Exam	Exam in London
Functional Skills Maths Level 1 & 2	Enrol on Course	Book Online Exam	Book London Exam
Functional Skills English Level 1 & 2	Enrol on Course	Book Online Exam	Book London Exam

Why Exam Centre?

- Ofqual-regulated & fully accredited
- City & Guilds approved awarding body exams
- Accepted by employers, colleges, universities & apprenticeship providers
- Flexible online and in-person options across the UK
- Recognised GCSE Maths & English equivalent (grade 4+ / grade C)

CALL US FOR MORE INFORMATION:

 **020 7288 9020**

 booking@examcentre.co.uk

 www.examcentre.co.uk