



# 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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### 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



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# Level 2 Functional Skills Mathematics Sample 3



A City & Guilds Group Business

Version 1-1

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

## SECTION 1 – CALCULATOR NOT PERMITTED

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.**

**Please check that your name is correctly printed on the candidate barcode label. If not, please tell the invigilator before the start of the exam.**

**You should have the following for this assessment:**

- a pen with black or blue ink
- a pencil
- 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.
- You may use a dictionary.
- 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

$$531 \times 1.4 =$$

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

Q2

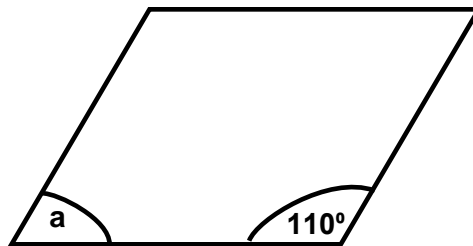
$$5^4 =$$

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

Q3

The following diagram shows a parallelogram.

Diagram not to scale



What is the size of angle a?

Angle a = \_\_\_\_\_°

(1 mark)

**Q4**

Which one of the following works out to the largest number?

*(tick one box)*

**A**  $\frac{3}{4} \times 8 =$

**B**  $\frac{2}{6} \times 12 =$

**C**  $\frac{3}{2} \times 10 =$

**D**  $\frac{3}{12} \times 36 =$

**(1 mark)**

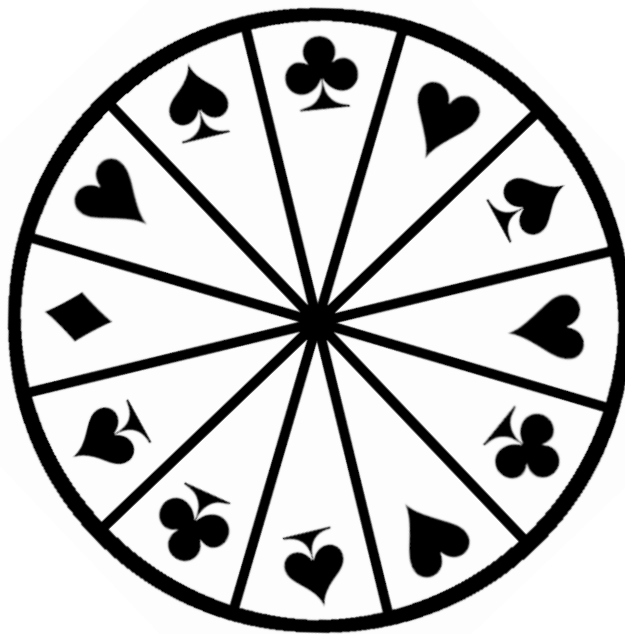
**Q5**

What is 52% as a fraction in its lowest terms?

$$\frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

**(1 mark)**

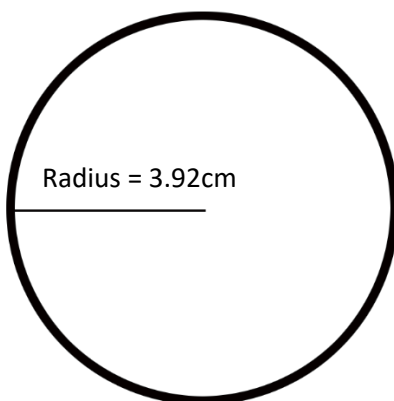
Q6



If the wheel is spun again what is the chance of  $\blacklozenge$  being the winner?  
Give your answer as a fraction.


(1 mark)

Q7



Which calculation gives an approximation of the area of this circle in  $\text{cm}^2$ ?

(tick one box)

A  $3 \times 8 =$

B  $3 \times 4 =$

C  $3 \times 16 =$

D  $3 \times 9 =$

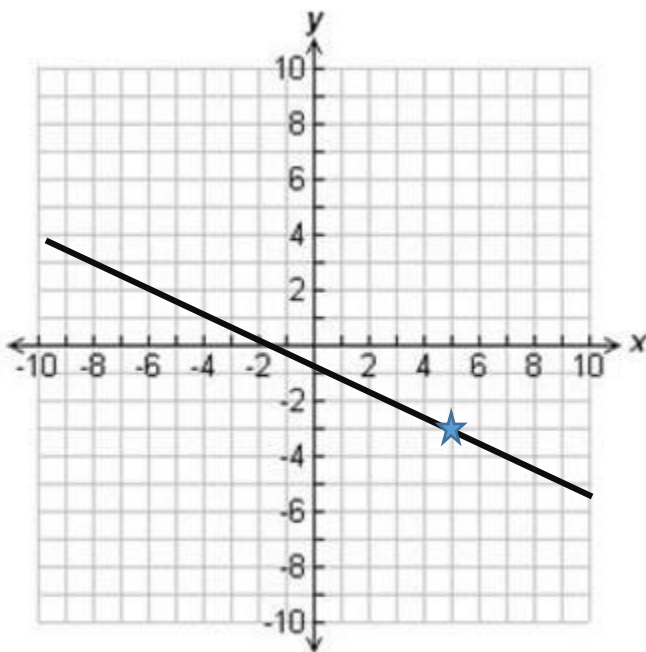
(1 mark)

Q8

Calculate  $\frac{8 - 4^2}{8} =$

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

Q9



What are the coordinates of the line at point ★?

(tick one box)

- A (-5, 3)
- B (5, -3)
- C (-3, 5)
- D (3, -5)

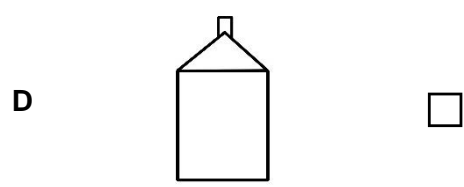
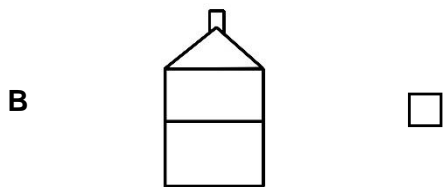
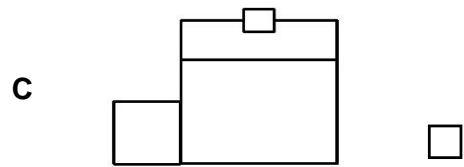
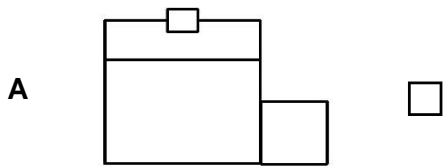
(1 mark)

Q10



Which one of the following is the front elevation of the house from the view shown?

(tick one box)



(1 mark)

**Q11**

A commuter uses a bus and a train to get to work.

The train is more than 5 minutes late  $\frac{1}{6}$  of the times they use it

The bus is more than 5 minutes late  $\frac{3}{5}$  of the times they use it

What is the probability that **both** the bus and train will be more than 5 minutes late?

**Show your working**

\_\_\_\_\_

**(2 marks)**

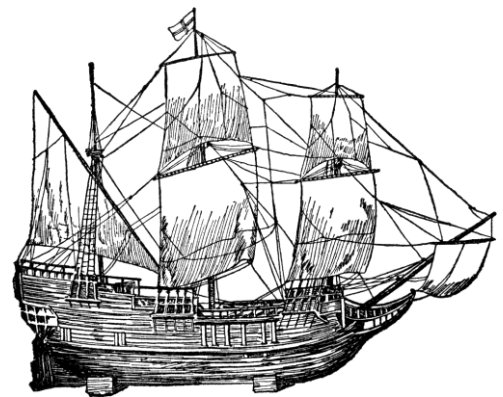
**Q12**

A model maker wants to make a model of a ship

He will use a scale of 1:50

The ship was 100ft long

1 foot = 0.3 m



How long will the model ship be in cm?

**Show your working**

\_\_\_\_\_ cm

**(3 marks)**

**End of Section 1**



# 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.

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