



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: P001259
Section A: Non-calculator Test



Assessment window: Monday 9 December 2019 – Friday 13 December 2019
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.

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.

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

past paper

This page is intentionally left blank.

Activity 1: Weather

1 (a) Zak is a journalist.

He is writing an article about the local weather.

This table shows the highest and lowest temperatures in Zak's town for two different years. –

| Year | Lowest | Highest |
|------|------------------------|------------------------|
| 2014 | -3.4°C | 20.3°C |
| 2018 | -0.2°C | 23.4°C |

Which year had the greater difference between highest and lowest temperatures?

Show how you decide.

[1 mark]

Your answer:

1 (b) Zak works out the percentage of days last year that the temperature fell below 0°C

His calculator gives the answer 8.219178082

Write this percentage to 2 decimal places.

[1 mark]

Your answer:

%

Please turn over

1 (c) The highest temperature recorded in Zak's town this year was 32.9°C

Zak writes the headline,

“Temperature reaches 95°F !”

A formula to convert between $^{\circ}\text{C}$ and $^{\circ}\text{F}$ is: $^{\circ}\text{C} = 5 \times (^{\circ}\text{F} - 32) \div 9$

Is Zak's headline correct?

Show how you decide.

[2 marks]



Your answer:



1 (d) Zak looks at the weather forecast.

This table shows the highest daily temperatures forecast for the next eight days.

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------------|----|----|----|----|----|----|----|----|---|----|
| Temperature °C | 15 | 19 | 17 | 15 | 15 | 20 | 19 | 16 | | |

- The median of the **ten** temperatures is 17.5°C and
- the **ten** temperatures have two modes.

Use this information to find the forecast temperatures for **Day 9** and **Day 10**.

[2 marks]

Your answer:

Day 9:

Day 10:

Please turn over

1 (e) Zak wants to find out how accurate the weather forecast is.

This table shows the last 6 months' forecasts for rain.

It also shows the number of days that it actually rained or stayed dry.

| | | Actual weather (days) | |
|-------------------------|------|-----------------------|-----|
| | | Rain | Dry |
| Forecast weather (days) | Rain | 70 | 60 |
| | Dry | 36 | 16 |

Was the forecast more likely to be right when it was for rain or when it was for dry weather?

Explain how you decide.

[3 marks]

past paper

Your answer:

**This page is intentionally left blank.
Please turn over for the next question.**

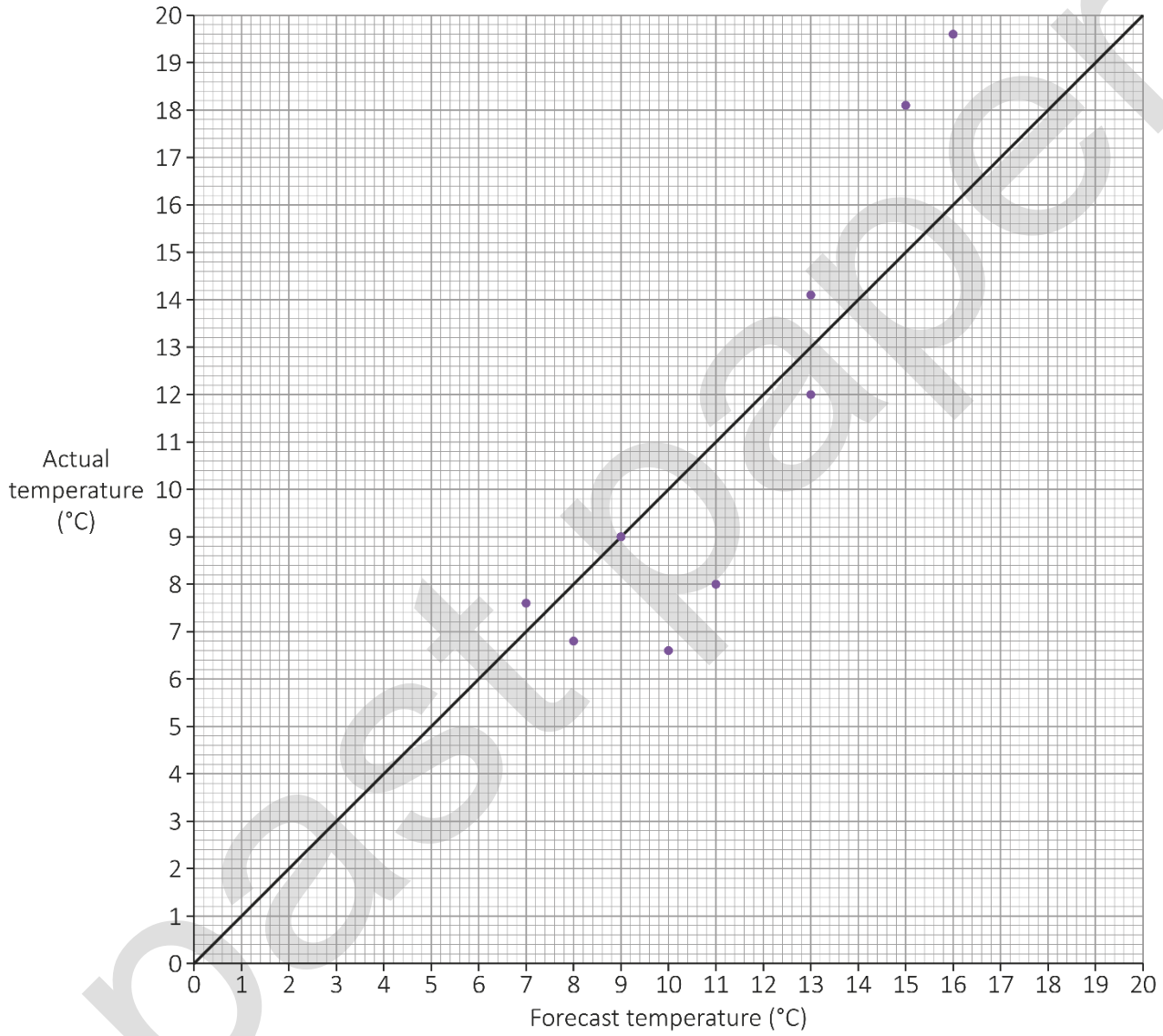
past paper

1 (f)

This scatter diagram shows the relationship between forecast temperatures and actual temperatures for the town over nine days.

The line represents the points at which the forecast and actual temperatures are the same.

Relationship between forecast temperatures and actual temperatures over nine days



A forecast is recorded as “accurate” if the actual temperature is within 2 °C of the forecast temperature.

Zak writes that,

“The temperature forecast was accurate for less than 70% of the time”.

Is Zak correct?

Show how you decide.

[3 marks]



Your answer:

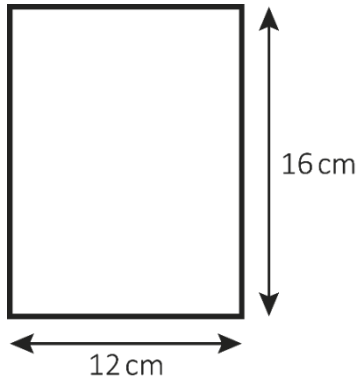


Please turn over

- 1 (g)** Zak wants to include a map in his article.
The map must be to scale.

The map shows a part of the country that is 30 km wide and 48 km long.

It must fit into a space that is no more than 12 cm wide and 16 cm long.



**Not drawn
accurately**

The map is scaled down to fit into the space.

In the article, what distance, in km, will 1 cm on the map represent?

[3 marks]

Answer area for the question. A large empty rectangular box is provided for the student to write their answer.

Your answer:

km

[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