



NCFE Level 1 Functional Skills Qualification in Mathematics (603/5055/6)

Paper number: P001424
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.

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Activity 1: Coffee shop

1 (a) Harlow University has a coffee shop.

Students work in the coffee shop as volunteers.

Students can eat or drink in the coffee shop for free, but they are asked to leave a donation.

Since the start of term, students have left two thousand and twenty pounds in donations.

Write two thousand and twenty as a number.

[1 mark]

Your answer:	

1 (b) The coffee shop has ten volunteer managers.

Six were also volunteer managers last year.

Write $\frac{6}{10}$ as a percentage.

[1 mark]

Your answer:	%

Please turn over

1 (c) 126 students who graduated last year volunteered in the coffee shop.

This is $\frac{1}{6}$ of the total number of students who graduated.

How many students graduated in total?

[2 marks]

Your answer:

students

1 (d)

Last year, there were 900 first year students.

25% of the first year students volunteered in the coffee shop.

Of these, $\frac{1}{5}$ volunteered regularly.

How many first year students volunteered regularly?

[3 marks]

Your answer:

students**Please turn over**

1 (e) Jessica is one of the volunteers.

She bakes cupcakes, scones and biscuits for the coffee shop.

She needs:

- 670 g of flour for the cupcakes
- 480 g of flour for the scones
- 2 kg of flour for the biscuits.

How much flour does Jessica need in total?

Give your answer in kg

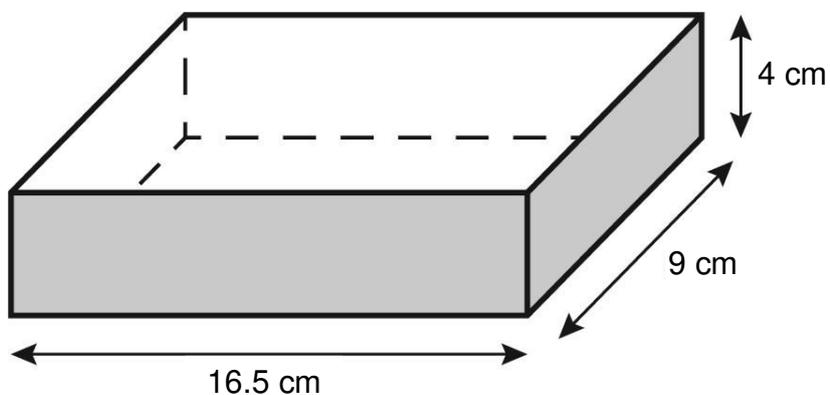
[2 marks]

Your answer:	kg

1 (f) Jessica is baking a cake for the coffee shop.

She has a cake tin with a rectangular base, measuring 16.5 cm by 9 cm and a depth of 4 cm

Jessica needs to use a cake tin with a volume greater than 500 cm^3



Is her cake tin big enough?

Show how you decide.

[3 marks]

Your answer:

Please turn over

1 (g)

These are the weights of the cakes Jessica baked yesterday:

1.2 kg	1.1 kg	1.4 kg	1.6 kg	1.2 kg
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She thinks the mean weight of the cakes is 1.4 kg

Is she correct?

Show how you decide.

[3 marks]

PAST PAPER

Your answer:

[Total marks: 15]**This is the end of Section A.**

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