

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

Paper number: Practice P001267
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.

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Activity 1: Mugs of tea

1 (a) Mel has a small transport café.

She goes to a cash and carry to buy things she needs.

She sees this special offer on tea bags:



Calculate $\frac{1}{2}$ of 24

[1 mark]

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Your answer:

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1 (b) How much will it cost for two boxes of these tea bags?

[1 mark]

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Your answer:

£

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1 (c) Mel buys two boxes of tea bags with the special offer.

Calculate the price **per tea bag**. Give your answer in pence.

[3 marks]

Your answer:

pence

1 (d) A mug of tea contains about 20 millilitres (ml) of milk.

How many 20 ml servings are there in a 1 litre bottle of milk?



[3 marks]

Your answer:

servings

1 (e) 5 kilograms (kg) of sugar costs £3.20 and contains 1000 teaspoons of sugar.

How much, in pence, does 1 teaspoon of sugar cost?

[2 marks]

Your answer:

pence

1 (f) Milk costs 50p per litre.

For each mug of tea, Mel uses:

- 1 tea bag
- 1 teaspoon of sugar
- 20 ml of milk.

What is the total cost for the tea, sugar and milk for **one** mug of tea?
Give your answer in pence.

[2 marks]

Your answer:

pence

Please turn over

1 (g) Including staff and overheads, the total cost of making one mug of tea is 80p

Mel charges 55% more for a mug of tea than it costs to make.

How much does Mel charge for a mug of tea in the café?

Give your answer in £

[3 marks]

Your answer: £

[Total marks: 15]

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