


NCFE Entry Level 3 Functional Skills Qualification in Mathematics (603/5061/1)

Paper number: Paper 14
Section B: Calculator Test



Time allowed: 1 hour 15 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.
- This shows you where to write your working and answers. 
- State units in your answers, where appropriate.
- Check your work.

Learner information

- The maximum mark for this section is **30**.
- The marks available for **each** question are shown in brackets.

Resources

You will need:

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

To be completed by the assessor		Mark
B	Activity 2	/ 10
	Activity 3	/ 10
	Activity 4	/ 10

Please complete the details below clearly and in BLOCK CAPITALS.

Learner name _____

Centre name _____

Learner number

Centre number

Do not turn over until the assessor tells you to do so.

Activity 2: Going to the festival

Rachel and her son are going to the festival.

2 (a) Rachel has been saving money for the festival.

She has saved £15 a week for eight weeks.

How much has Rachel saved in total?

[2 marks]



Blank area for writing the answer.

2 (b)

Rachel has £90 to spend on festival tickets.

Ticket prices	
adult	£35.50
child	£17.80

She buys one adult ticket and one child ticket.

How much money does Rachel have left over?

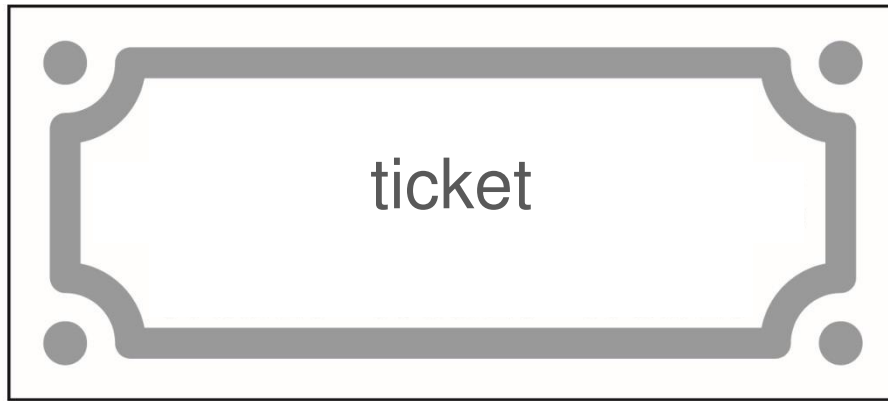
[3 marks]



Blank area for writing the answer.

Please turn over

2 (c) This is a ticket for the festival.



How long is the ticket to the nearest **labelled** division?

[1 mark]



2 (d) Rachel and her son are going to the festival on the train.

The train has 202 seats.

Write 202 in words.

[1 mark]

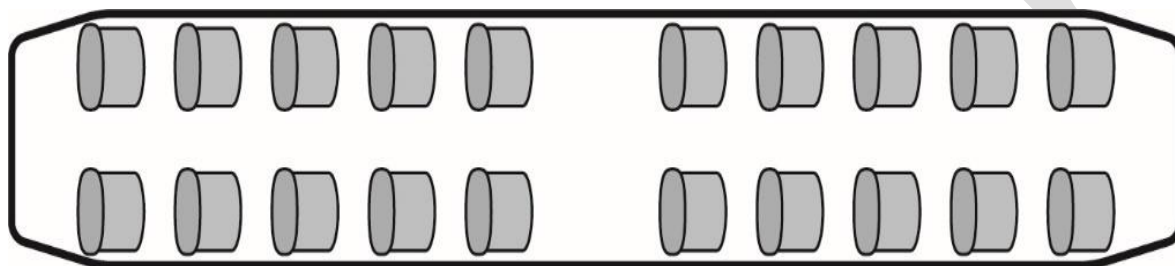


2 (e) This is the seating plan of their carriage.

$\frac{1}{10}$ of the seats are empty.

Tick (✓) $\frac{1}{10}$ of the seats.

[1 mark]



2 (f) There are 315 people waiting at the platform.

191 of these people are going to the festival.

How many people are not going to the festival?

[2 marks]



[Total marks: 10]

Please turn over

Activity 3: At the festival

Rachel arrives at the festival with her son.

3 (a) Rachel and her son get to the festival at twenty minutes to five in the afternoon.

Which clock shows this time?

Tick (✓) your answer.

[1 mark]



A ()

B ()

C ()

D ()

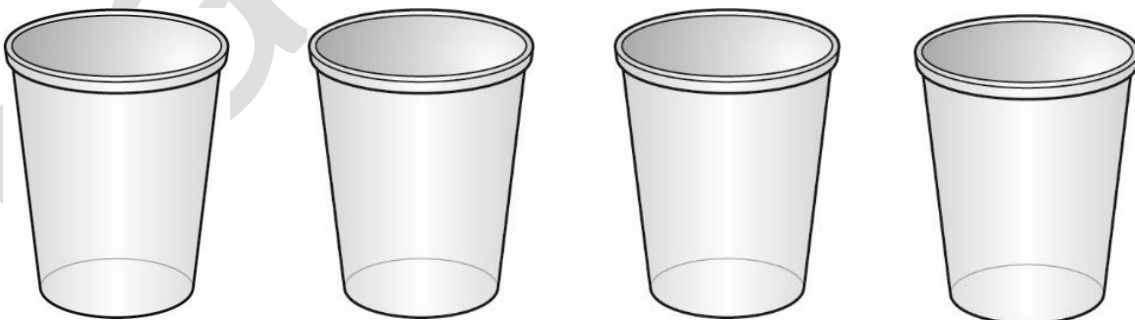
3 (b) Rachel buys orange juice.

She can buy the juice in different cup sizes.

Which cup can hold the most juice?

Tick (✓) your answer.

[1 mark]



0.5 litres

200 ml

0.3 litres

400 ml



A ()

B ()

C ()

D ()

3 (c) Rachel sees this information about recycled cups at events.

Event	Number of cups recycled
Lakeside Festival	200
Tottan Flower Show	450
Meerbrook Festival	625
South East Car Show	975

Complete the bar chart to show this information.

[3 marks]



Number of cups recycled

number of cups



Lakeside Festival

Tottan Flower Show

Meerbrook Festival

South East Car Show

event

Please turn over

3 (d) Rishi checks how many cups are recycled.

On Friday 321 cups were recycled.

On Saturday 573 cups were recycled.

Rishi works out how many cups were recycled in total.

$$321 + 573 = 894$$

He rounds each number to the nearest 10 to check his answer.

Show how he does this check.

[2 marks]



3 (e) Rachel buys one of each of these items at the festival.

Price list	
adult t-shirt	£19.50
child t-shirt	£14.25
hoodie	£28.50

What is the total cost of these items?

[2 marks]



Please turn over

3 (f) Rachel walks these distances at the festival.

Which is the longest distance?

Tick (✓) your answer.

[1 mark]

Thursday
0.9 kilometres

Friday
900 metres

Saturday
1.9 kilometres

Sunday
990 metres



A ()

B ()

C ()

D ()

[Total marks: 10]

Activity 4: Working at the festival

Jamie works on a food stall at the festival.

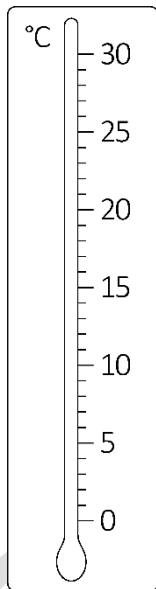
4 (a) Jamie makes doughnuts.

He measures the amount of milk he needs.

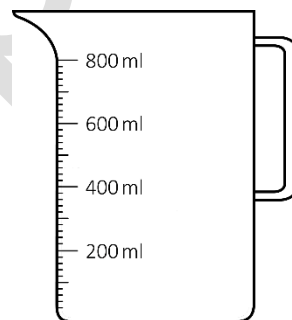
Which instrument should he use?

Tick (✓) your answer.

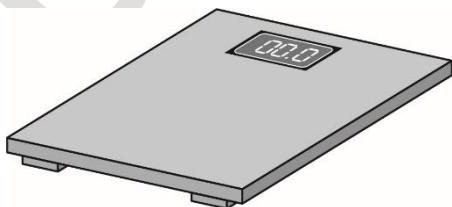
[1 mark]



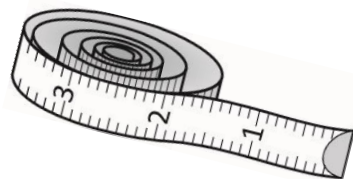
A ()



B ()



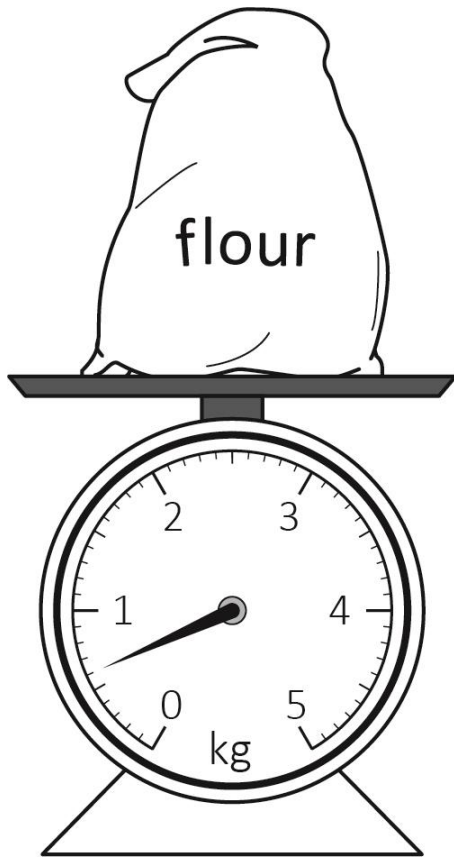
C ()



D ()

Please turn over

4 (b) Jamie needs some flour.
He weighs the flour he has.



He thinks he has more than 700 g

Is he correct?

Give a reason for your answer.

[3 marks]



4 (c) Jamie has 132 doughnuts.
He puts the doughnuts into boxes.
He puts six doughnuts into each box.
How many boxes does Jamie need?

[2 marks]



4 (d) Jamie weighs some of the doughnuts on a set of digital scales.
Which is the heaviest weight?
Tick (✓) your answer.

[1 mark]



25.2 g

A ()

25.21 g

B ()

25.12 g

C ()

25.52 g

D ()

Please turn over

4 (e) Jamie writes down the food items he sells.

Friday	Saturday	Sunday
doughnut	veggie burger	chips
veggie burger	veggie burger	chips
chips	chips	salad
salad	doughnut	chips
salad	veggie burger	doughnut
doughnut	chips	veggie burger
chips	chips	veggie burger
veggie burger	veggie burger	chips
chips	doughnut	veggie burger
chips	chips	doughnut
veggie burger	salad	doughnut
doughnut	veggie burger	chips
		veggie burger
		chips
		veggie burger

Complete the frequency table to show this information.

[2 marks]



Food item	Frequency

4 (f) The tops of these food containers are different shapes.

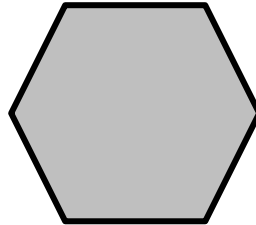
Which shape has right angles?

Tick (✓) your answer.

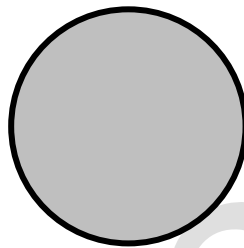
[1 mark]



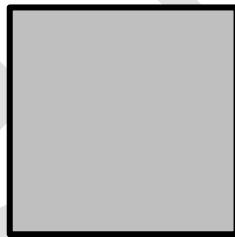
A ()



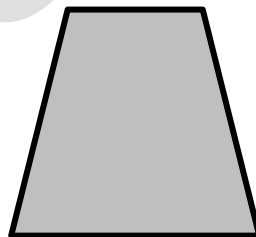
B ()



C ()



D ()



[Total marks: 10]

This is the end of the internal assessment.