


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

Paper number: Paper 13
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: Walking the dog

Carly's dog is called Alfie.

She takes him for a walk every day.

2 (a) Carly takes Alfie for a walk in the woods.

There are four paths in the woods.

Carly chooses the longest path.

Which path does she choose?

Tick (✓) your answer.

[1 mark]



625 metres

A ()

0.7 kilometres

B ()

595 metres

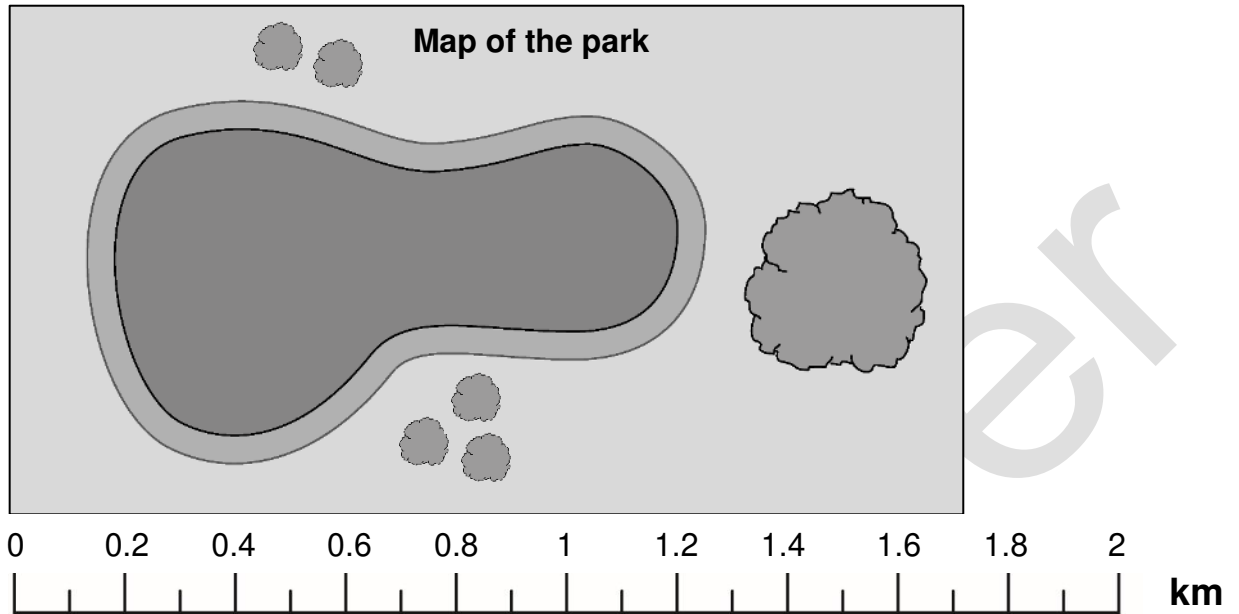
C ()

0.5 kilometres

D ()

2 (b) Carly also walks in the park.

She looks at this map of the park.



What is the length of the park to the nearest division?

[1 mark]



Please turn over

2 (c)

Carly gets to the park at 11.50 am

The walk in the park takes 40 minutes.

Carly wants to finish the walk by 12.25 pm

Does she have enough time to finish the walk?

Give a reason for your answer.

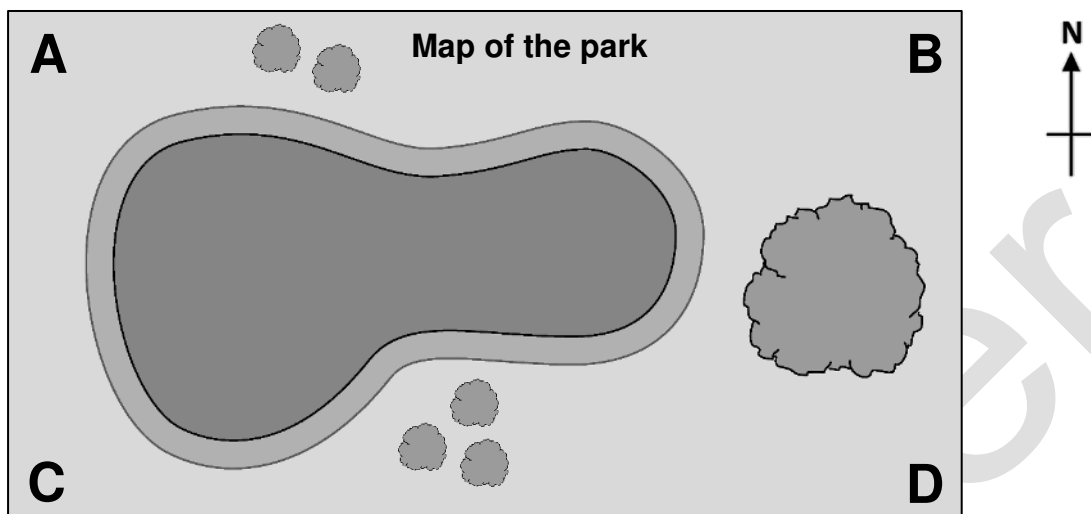
[3 marks]



past paper

2 (d) There is a shop in the south west corner of the park.

Where is the south west corner?



Tick (✓) your answer.

[1 mark]



A ()

B ()

C ()

D ()

2 (e) Carly buys a drink from the shop.

The drink costs £1.69

Round £1.69 to the nearest 10p

[1 mark]



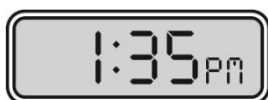
Please turn over

2 (f) Carly has lunch after her walk.

She has lunch between half past one and half past two in the afternoon.

Which clock shows the time she has lunch?

[1 mark]



A ()

B ()

C ()

D ()

2 (g) On Saturday there were 358 visitors in the park.

On Sunday there were 621 visitors in the park.

How many visitors were in the park at the weekend in total?

[2 marks]

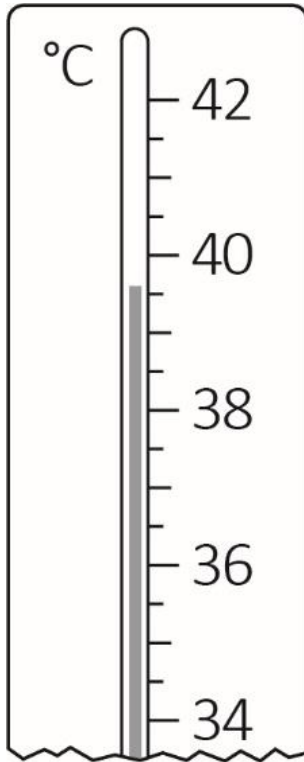


[Total marks: 10]

Activity 3: The vet

Carly takes Alfie to the vet.

3 (a) The vet checks Alfie's temperature.



What is Alfie's temperature to the nearest **unlabelled** division?

[1 mark]



Please turn over

3 (b) Alfie gets weighed every time he goes to see the vet.

visit 1
3.2 kg

visit 2
3.21 kg

visit 3
3.25 kg

visit 4
3.09 kg

Which is the heaviest weight?

[1 mark]

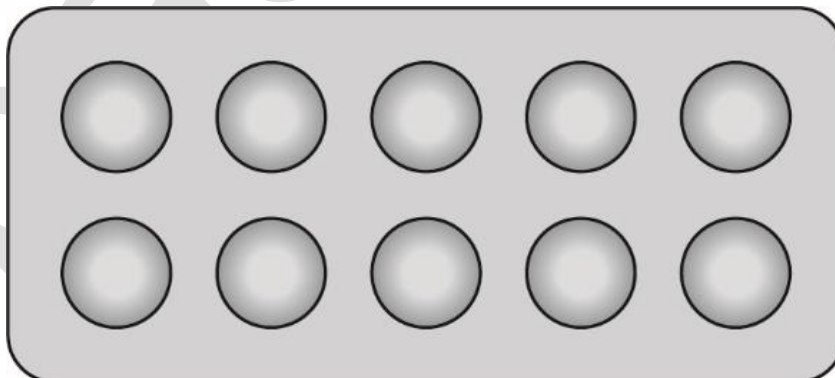


3 (c) Alfie needs some medicine.

Carly gives him $\frac{1}{5}$ of the tablets in this pack.

Tick (✓) $\frac{1}{5}$ of the tablets.

[1 mark]



past paper

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Please turn over

3 (d) The vet writes down the weights of another dog over five weeks.

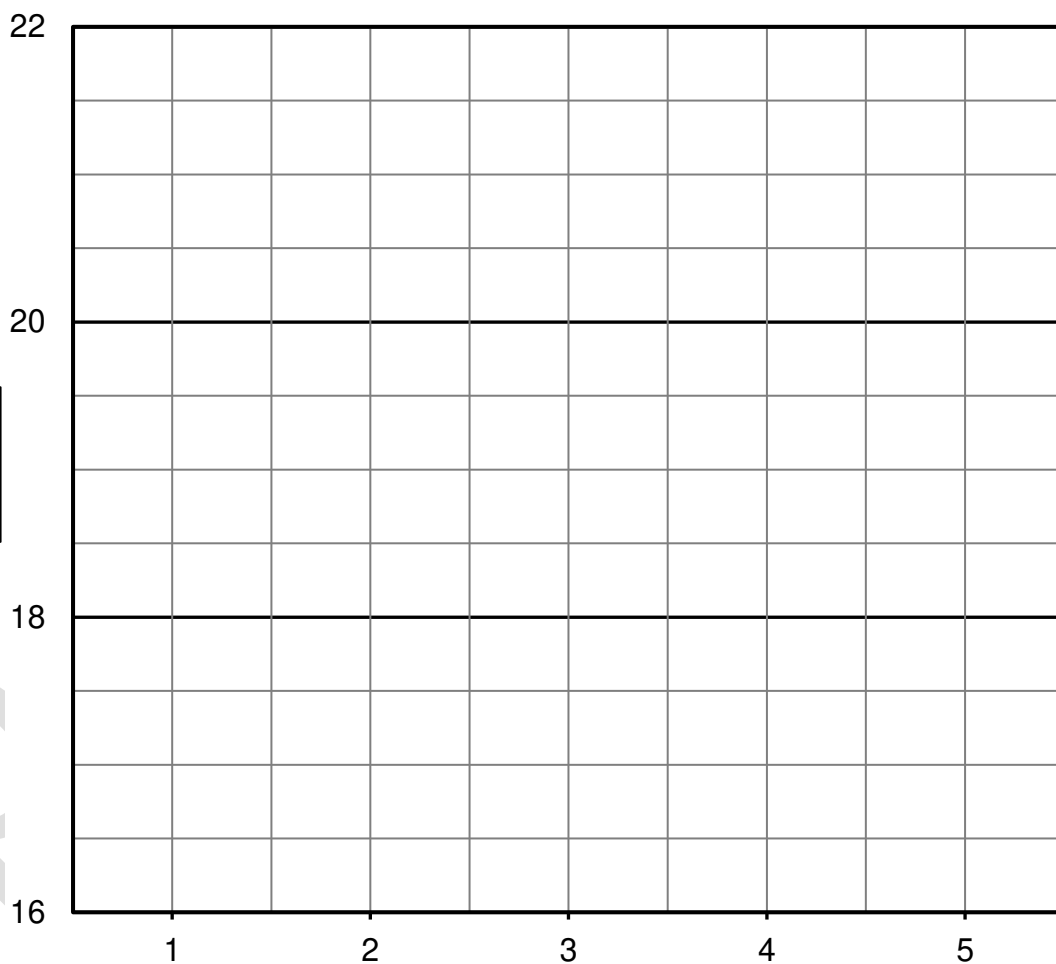
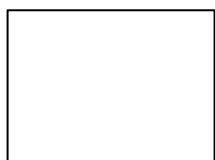
Week	Weight (kg)
1	21.5
2	21
3	19.5
4	20.5
5	19.5

The vet wants to show the results in a line graph.

Complete the line graph.

[3 marks]

Weight of the dog each week



3 (e) Between which weeks did the dog's weight increase?

[1 mark]



3 (f) The vet has a list showing the numbers of animals seen over three months.

month 1	288
month 2	372
month 3	129

She thinks the total number of animals is 789

The vet rounds each number to the nearest 100 to check her answer.

Show how she does this check.

[3 marks]



[Total marks: 10]

Please turn over

Activity 4: The dog grooming salon

Carly takes Alfie to the dog grooming salon.

4 (a) Carly gets to the dog grooming salon at this time in the morning.



Which digital clock shows this time?

Tick (✓) your answer.

[1 mark]



A ()

B ()

C ()

D ()

4 (b) Steven works at the dog grooming salon.

He has this list of services to be done over three days.

Monday
full groom, full groom, full groom, nail clip, bath

Tuesday
bath, nail clip, full groom, full groom, bath

Wednesday
bath, nail clip, bath, bath, full groom, full groom

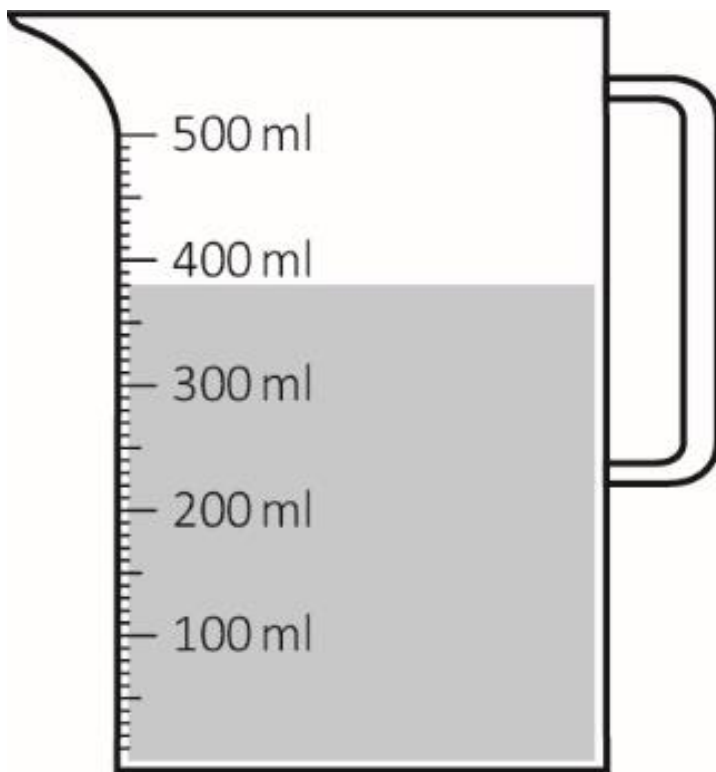
Complete the frequency table to show this information.

[3 marks]



Service	Frequency

4 (c) Steven pours some water to wash Alfie.



How much water is in the jug to the nearest **labelled** division?

[1 mark]



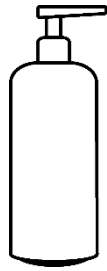
4 (d) Steven has four bottles of shampoo.

He chooses the bottle that can hold the most.

Which bottle does Steven choose?

Tick (✓) your answer.

[1 mark]



102 ml

A ()



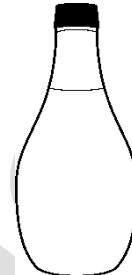
1.2 litres

B ()



2.1 litres

C ()



120 ml

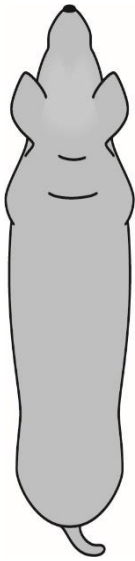
D ()



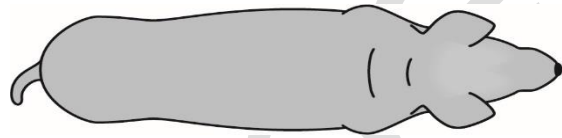
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Please turn over

4 (e) Steven turns Alfie so he can cut his hair.



before turn



after turn

Which way does Steven turn Alfie?

Tick (✓) your answer.

[1 mark]



- A () half turn to the right
- B () quarter turn to the right
- C () half turn to the left
- D () quarter turn to the left

4 (f) Steven checks the money in the till at the end of the day.

There are 132 one pound coins.

He puts the coins into piles of £20

How many one pound coins are left over?

[3 marks]



Blank area for writing the answer.

[Total marks: 10]

This is the end of the internal assessment.