


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

Section B: Calculator Test

Paper number: **Sample Assessment Materials** 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.
- This shows you where to write your working and answers. 
- State units in your answers, where appropriate.
- Check your work.
- You may use a calculator.



Learner information

- Section B contains **Activities 3, 4, 5 and 6**.
- 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 ink
- a pencil and eraser
- a 30 cm ruler
- a calculator.

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

Please complete the details below clearly and in BLOCK CAPITALS.

Learner name:

Centre name:

Learner number:

Centre number:

Activity 3: underpinning skills

Please answer the following questions.

3 (a)

Complete the fraction below to show another way of writing $\frac{4}{12}$

[1 mark]



$$\frac{\square}{3}$$

3 (b)

Which of these numbers is the largest?

Tick (✓) your answer.

[1 mark]



A () 6.02

B () 6.2

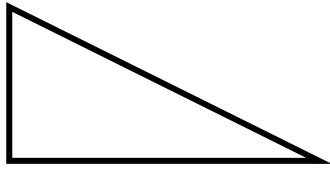
C () 6.12

D () 6.1

3 (c)

How many right angles does this shape have?

[1 mark]



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3 (d)

Write these weights in order starting with the lightest.

[2 marks]

350 g

A

0.33 kg

B

3.5 kg

C

300 g

D

lightest

heaviest



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3 (e)

Write nine hundred and four in numbers.

[1 mark]



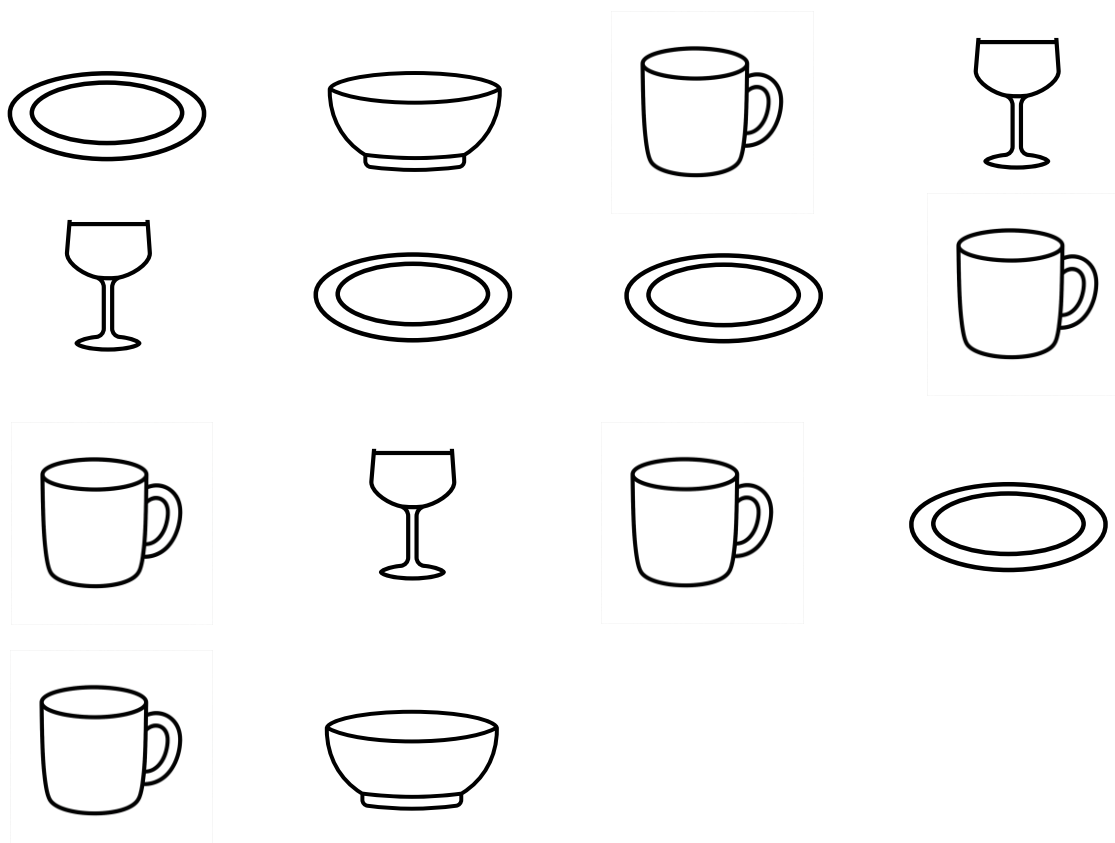
[Total for activity 3 is 6 marks]

Activity 4: kitchen

Niko sets up the kitchen.

4 (a) Niko unpacks a box in the kitchen.

These are the plates, bowls, mugs and glasses in the box.



Complete the frequency table to show this information.

Item	Frequency

[2 marks]

4 (b) Niko needs to buy a kettle.

He goes to the nearest supermarket.

Which supermarket does he go to?
Tick (✓) your answer.

[1 mark]



740 metres

6.4 km

650 metres

0.7 km

A ()

B ()

C ()

D ()

4 (c) Niko is facing north east as he leaves his house.

He makes a quarter turn clockwise to go to the supermarket.

Which direction is he facing now?

[1 mark]



4 (d) Niko wants a kettle that can hold 1 litre of water.

Which of these kettles can hold the closest to 1 litre?

Tick (✓) your answer.

[1 mark]



0.9 litres

A ()



850 ml

B ()



0.8 litres

C ()



950 ml

D ()



4 (e) Niko also buys 4 bowls.

Each bowl costs £2.20

What is the total cost?

Round your final answer to the nearest £1

Write your answer using the correct money format.

[3 marks]



A large empty rectangular box for the student to write their answer.

[Total for activity 4 is 8 marks]

Activity 5: bathroom

Niko decorates the bathroom.

5 (a) Niko has a total of 325 tiles for the bathroom.

He will use 140 tiles on the floor.

He will use the remaining tiles on the walls.

Niko works out the number of tiles he will use on the walls.

$$325 - 140 = 185$$

He rounds 325 to the nearest 10 to check his answer.

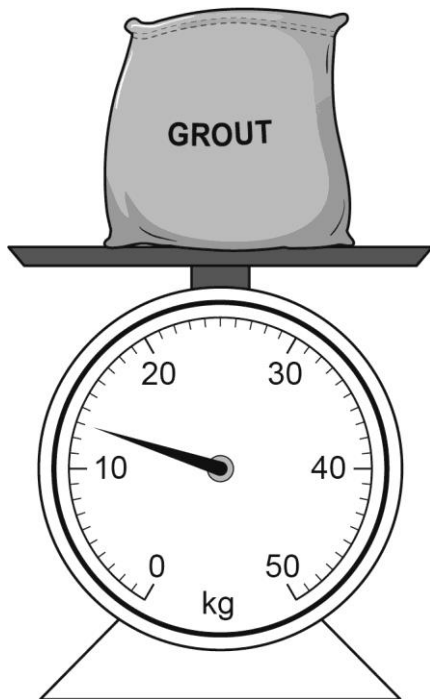
Show how Niko does this check using the rounded number.

[2 marks]



5 (b) Niko weighs the grout he will use with the tiles.

He needs 15 kg of grout.



Niko thinks he has enough grout.

Is he correct?

[2 marks]



Tick (✓) the correct answer.

Yes () No ()

Give a reason for your answer.

5 (c) Niko starts tiling at 9.20 am

He takes a break at 11.15 am

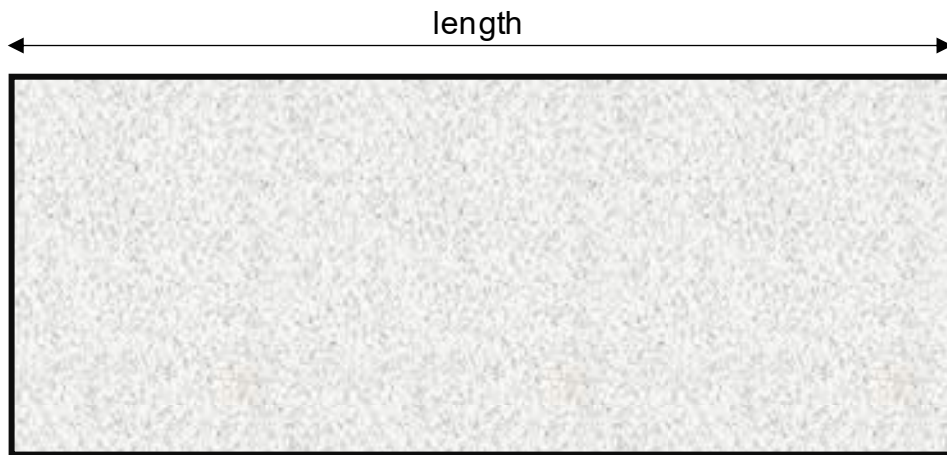
How long has he been tiling for?

[2 marks]



5 (d) Niko cuts a tile.

The tile should be 12 cm in length.



Does Niko cut the tile to the correct length?

[2 marks]



Tick (✓) the correct answer.

Yes () No ()

Give a reason for your answer.

[Total for activity 5 is 8 marks]

Activity 6: bills

Niko looks at his use of electricity and gas.

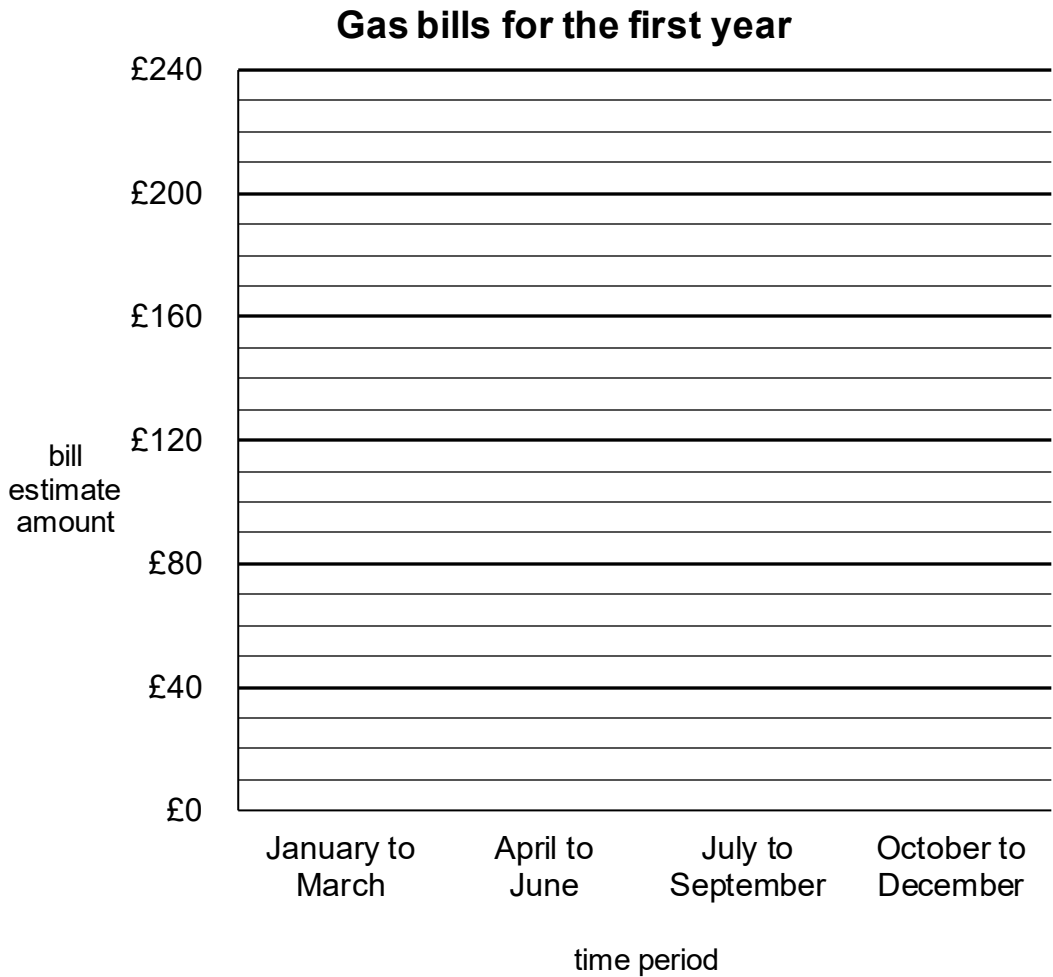
6 (a) Niko looks at 4 gas bill estimates for the first year.

January to March £220	April to June £150	July to September £120	October to December £180
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He wants to show this information in a bar chart.

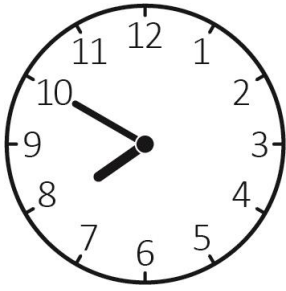
Complete the bar chart.

[2 marks]



6 (b) Niko sets the heating to come on at ten past eight.

The clock shows the time now.



Is it time for the heating to come on?

[2 marks]

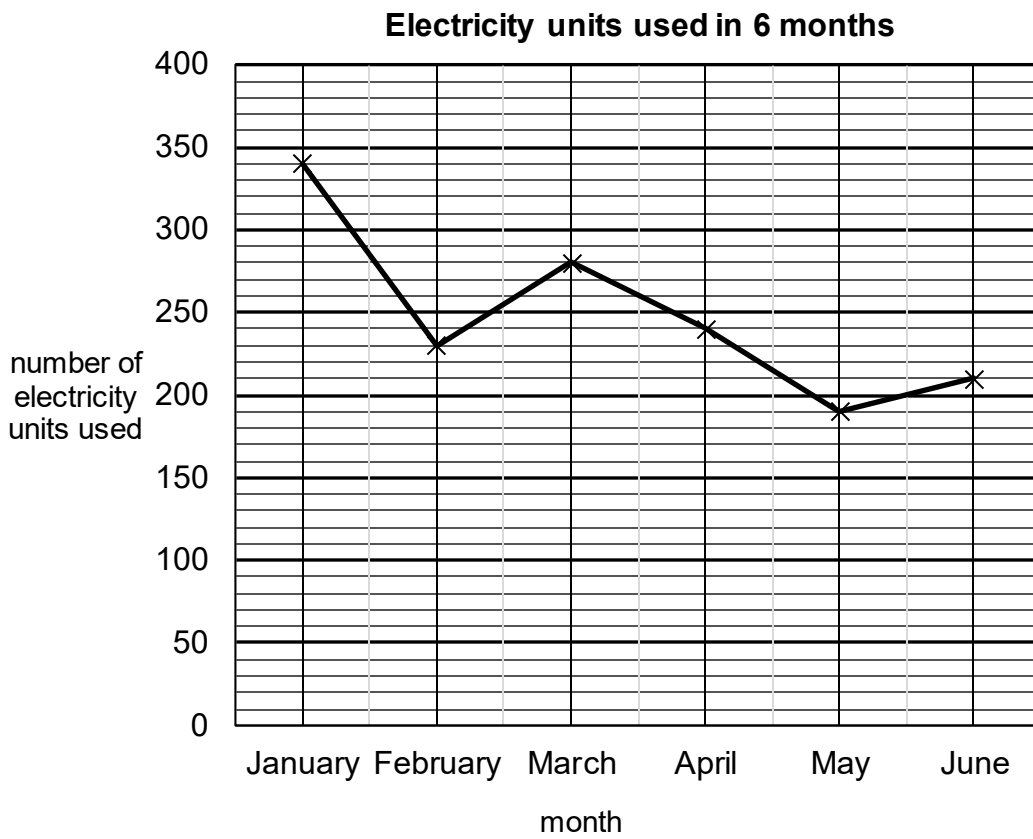


Tick (✓) the correct answer.

Yes () No ()

Give a reason for your answer.

6 (c) The line graph shows the units of electricity Niko uses in 6 months.



How many more units of electricity did Niko use in March than in April?

[2 marks]



6 (d) Niko needs to book an appointment with a gas inspector.

The gas inspector gives Niko two options for an appointment on Friday at 9.30 am or on Wednesday at 1.45 pm.

Show the **two** options in the diary below.

[2 marks]



	Monday	Tuesday	Wednesday	Thursday	Friday
Morning					
Afternoon					
Evening					

[Total for activity 6 is 8 marks]

This is the end of the internal assessment.

To be completed by the assessor		Mark
A	Activity 1	/ 4
	Activity 2	/ 6
B	Activity 3	/ 6
	Activity 4	/ 8
	Activity 5	/ 8
	Activity 6	/ 8
TOTAL MARK		/ 40

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