


## NCFE Entry Level 2 Functional Skills Qualification in Mathematics (603/5053/2)

### 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 **24**.
- 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) Your friend measures his sofa.



What is the length of the sofa?

Tick (✓) your answer.

[1 mark]



2 mm

A ( )

2 km

B ( )

2 cm

C ( )

2 m

D ( )

3 (b)

Which of these apples is the heaviest?

Tick (✓) your answer.

[1 mark]



71 g

A ( )



70.8 g

B ( )



71.6 g

C ( )



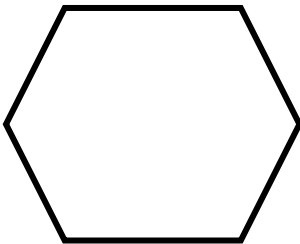
70 g

D ( )

3 (c)

What is the name of this shape?

[1 mark]



3 (d)

Tick (✓) all the odd numbers.

[1 mark]



41

(    )

56

(    )

93

(    )

62

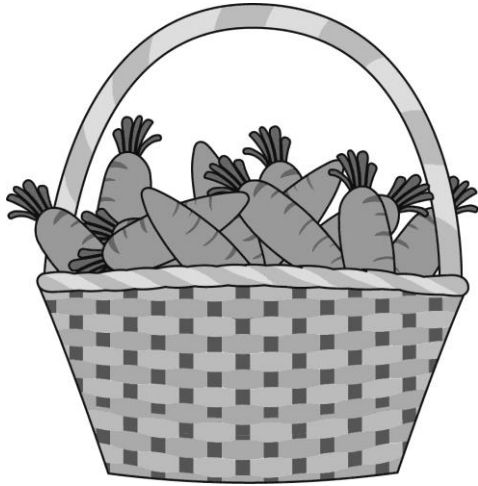
(    )

[Total for activity 3 is 4 marks]

### Activity 4: food

Ria eats healthy food.

4 (a) Ria has these carrots.



Where does she put the carrots?

Tick (✓) your answer.

[1 mark]



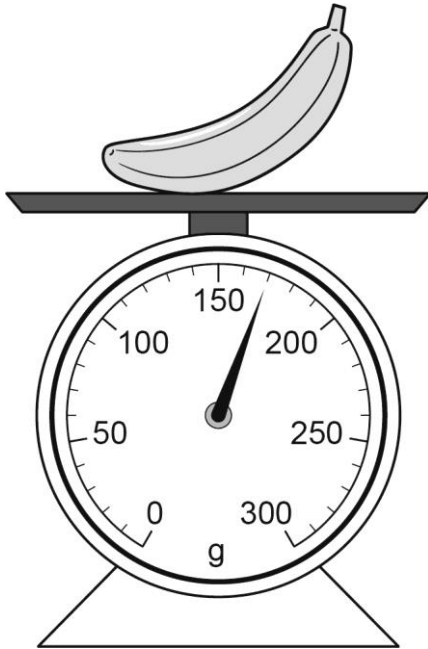
- A ( ) inside the basket
- B ( ) outside the basket
- C ( ) below the basket
- D ( ) behind the basket

4 (b) Ria weighs some fruits.

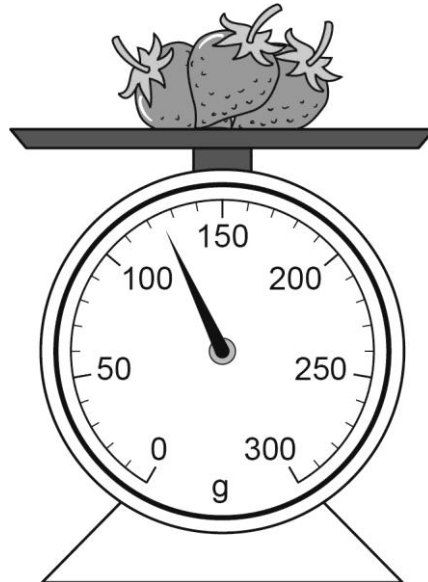
She chooses the fruits that weigh more than 150 grams.

Tick (✓) all the fruits Ria chooses.

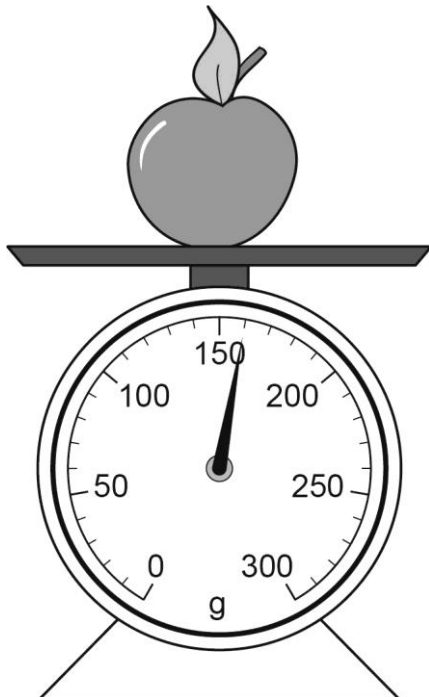
[1 mark]



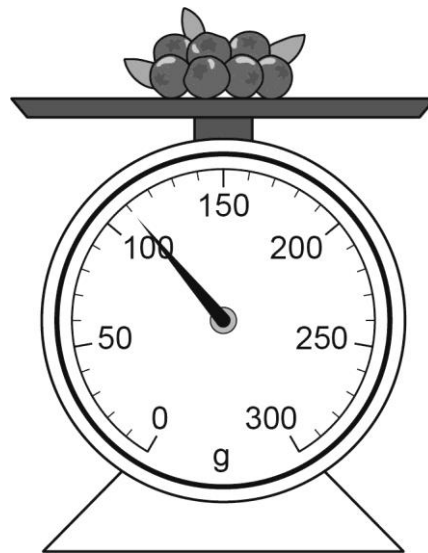
( ) banana



( ) strawberries



( ) apple



( ) blueberries

**4 (c)** Ria has a container for fruit.

The container lid is in the shape of a pentagon.

There is a clip on each side of the lid.

How many clips does the lid have?

**[1 mark]**



4 (d) Ria wants to eat these vegetables this week.

**Monday** carrots, parsnips, tomatoes

**Tuesday** cucumbers, carrots, lettuce

**Wednesday** tomatoes, lettuce, parsnips

**Thursday** cauliflower, radish, celery

**Friday** potatoes, lettuce, cucumbers

She goes shopping on Monday.

Ria thinks she will eat cauliflower 4 days later.

Is Ria correct?

[2 marks]

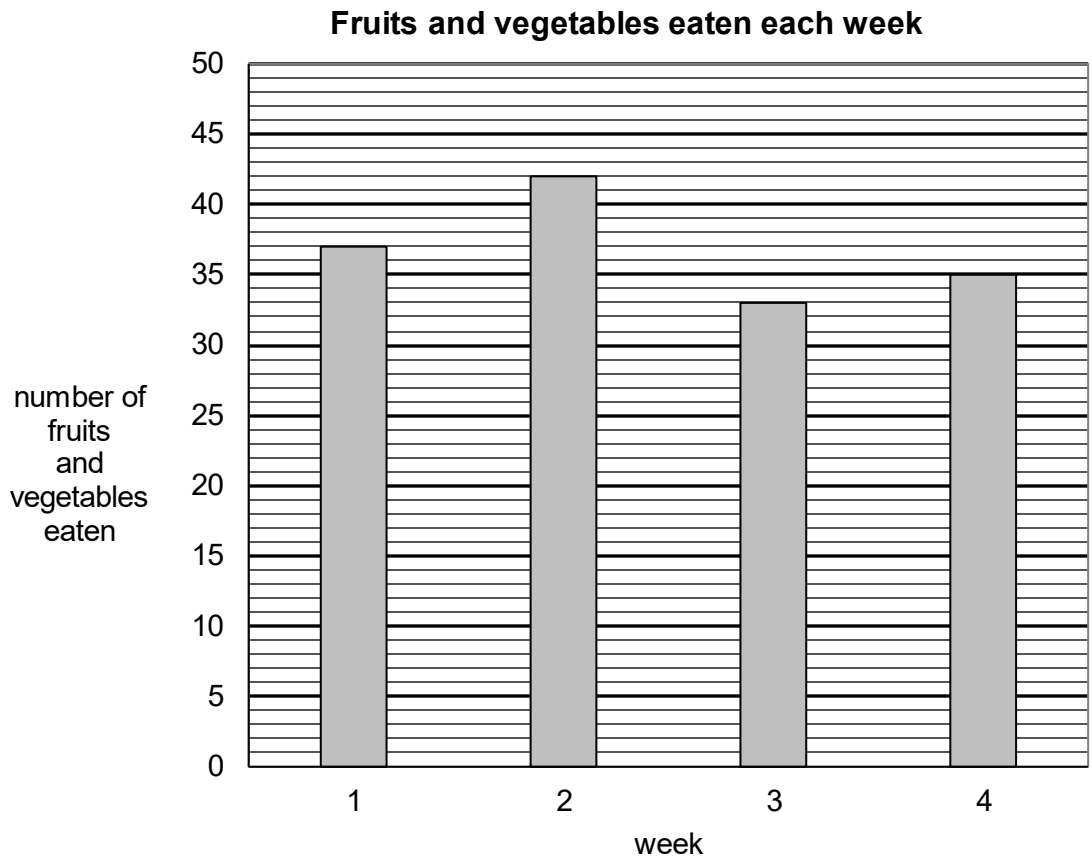


Tick (✓) the correct answer.

Yes ( ) No ( )

Give a reason for your answer.

4 (e) Ria has a bar chart to show how many fruits and vegetables she eats each week.



She puts the numbers of fruits and vegetables into a table.

Complete the table.

[1 mark]

Week	Fruits and vegetables
1	37
2	42
3	33



**4 (f)** Ria buys a water bottle.

She buys the water bottle that holds the most water.

Which water bottle does Ria buy?

Tick (✓) your answer.

**[1 mark]**



200 ml

1 litre

2 litres

190 ml

**A** (   )

**B** (   )

**C** (   )

**D** (   )

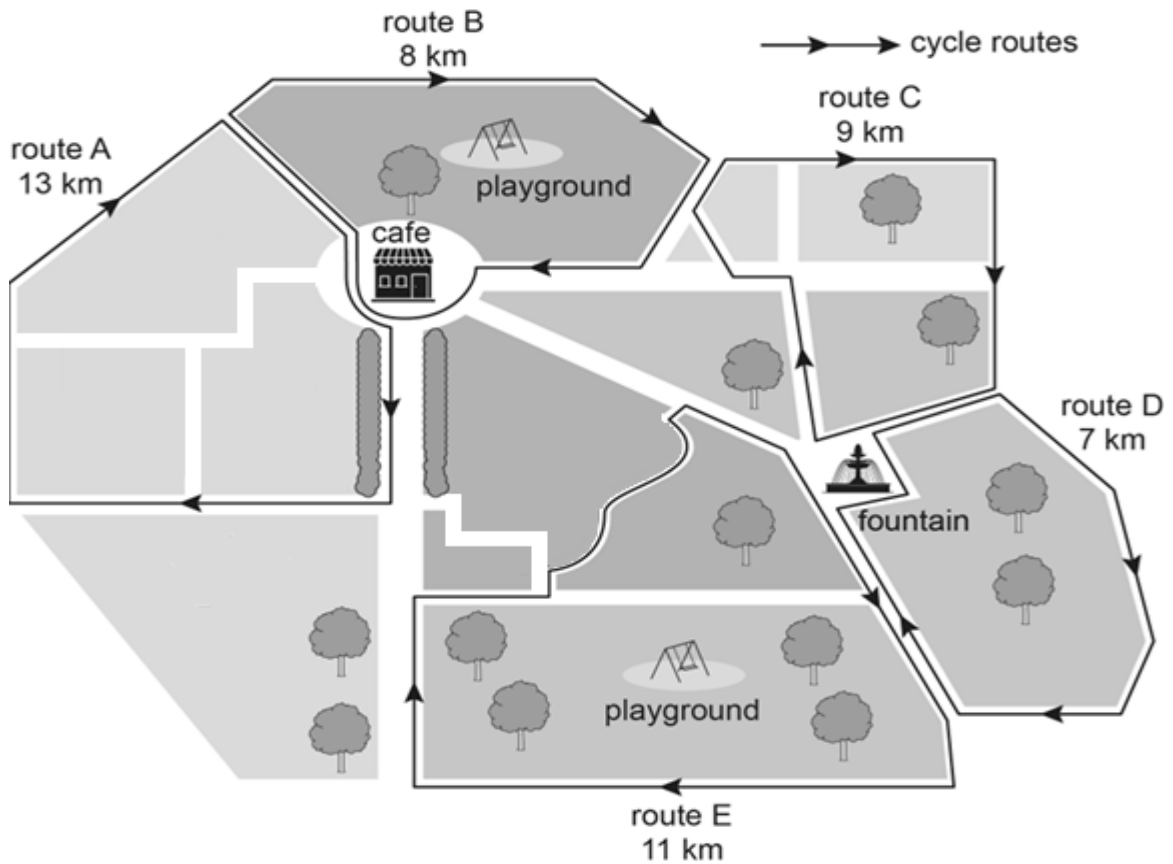
**[Total for activity 4 is 7 marks]**

### Activity 5: cycling

Ria likes to cycle.

5 (a) Ria wants a cycling route that goes past a fountain and is not longer than 10 km.

She has this map of cycling routes in a park.



Tick (✓) all the routes Ria can cycle.

[1 mark]



( ) route A

( ) route B

( ) route C

( ) route D

( ) route E

**5 (b)** Ria cycles to the park on different roads.

The last road she uses has the lowest number.

Which is the last road that Ria uses?

Tick (✓) your answer.

[1 mark]



**B 105**

( )

**B 99**

( )

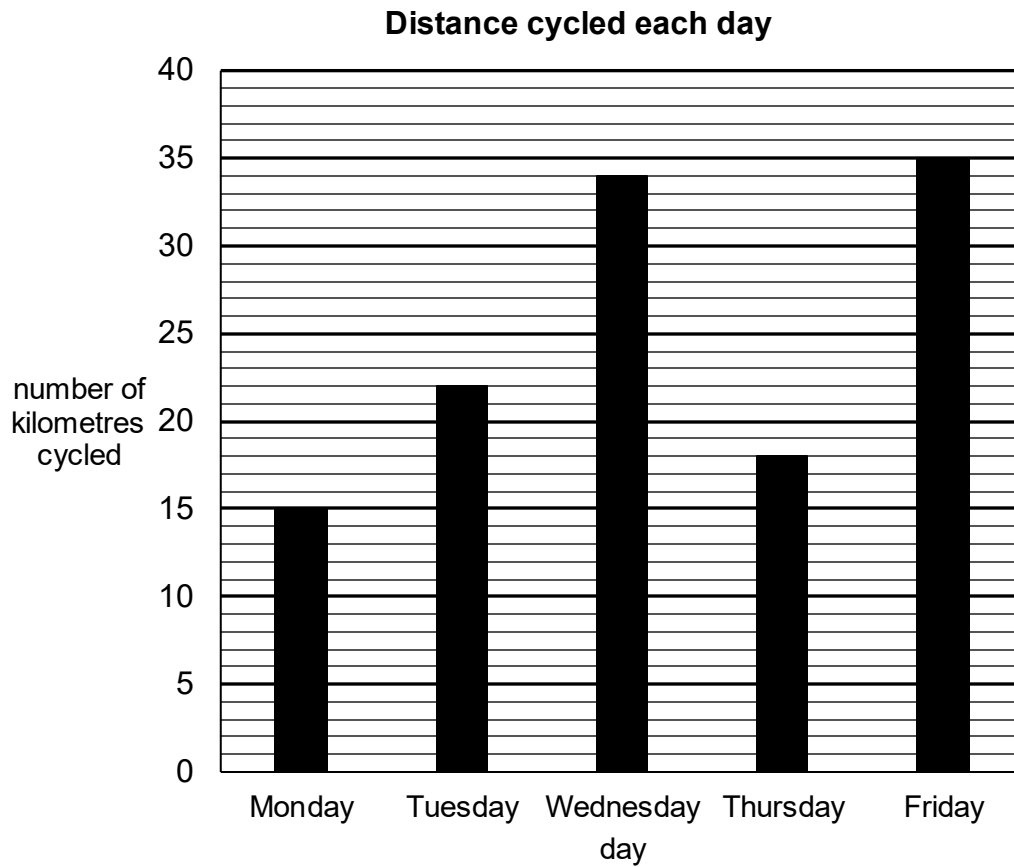
**B 74**

( )

**B 131**

( )

5 (c) The bar chart shows the distances Ria cycled last week.



How many more kilometres did Ria cycle on Friday than on Monday?

[2 marks]



**5 (d)** Ria does a safety check on her bicycle every 4 weeks.

How many times does Ria check her bicycle in a year?

**[3 marks]**



**[Total for activity 5 is 7 marks]**

### Activity 6: new clothes

Ria needs new cycling clothes.

6 (a) Ria goes to a sports shop.

She buys new trainers for £65 and socks for £10

She works out the total cost.

$$\text{£}65 + \text{£}10 = \text{£}75$$

Ria rounds 65 to the nearest 10 to check her answer.

Show how Ria does this check using the rounded number.

[2 marks]



**6 (b)** Ria buys 7 T-shirts.

Each T-shirt costs £9

What is the total cost of the T-shirts?

Write your answer using the correct money symbol.

**[2 marks]**



**6 (c)** The sports shop closes at quarter past six in the afternoon.

The clock shows the time now.



Is it time for the sports shop to close?

**[2 marks]**



**Tick (✓) the correct answer.**

**Yes ( )    No ( )**

Give a reason for your answer.

**[Total for activity 6 is 6 marks]**

**This is the end of the internal assessment.**

To be completed by the assessor		Mark
A	Activity 1	/ 4
	Activity 2	/ 4
B	Activity 3	/ 4
	Activity 4	/ 7
	Activity 5	/ 7
	Activity 6	/ 6
TOTAL MARK		/ 32