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

| 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 **24**.
- 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	/ 8
	Activity 3	/ 8
	Activity 4	/ 8

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: At the nature reserve

Jon and his friends arrive at the nature reserve.

2 (a)   Jon parks at the nature reserve.

He pays for the parking with six 10p coins.

How much does Jon pay in total?

[2 marks]

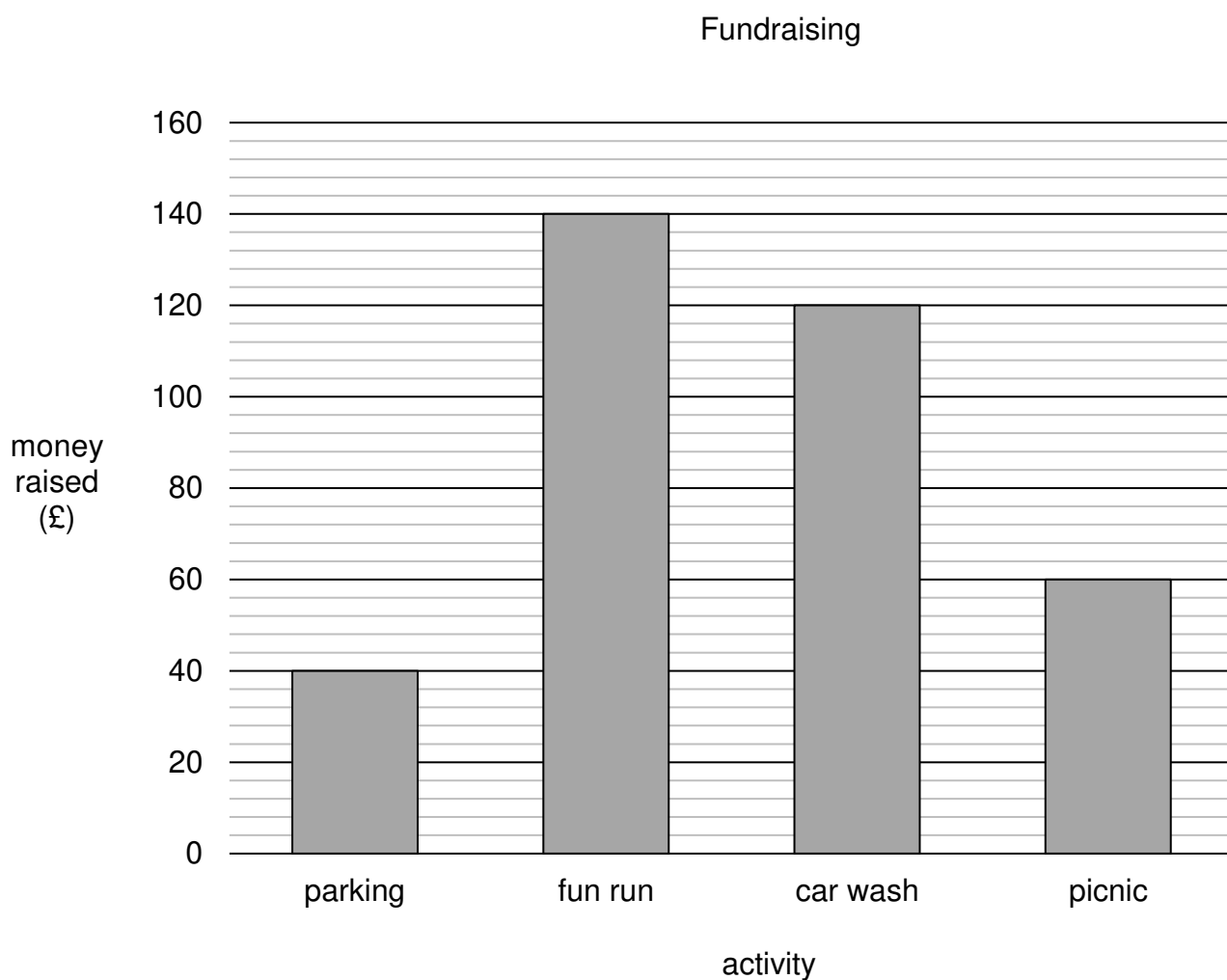**2 (b)**   Jon sees 82 birds.

Lily sees 63 birds.

How many more birds does Jon see than Lily?

[2 marks]

2 (c) This chart shows fundraising for the nature reserve.

Fundraising

How much more money was raised from the picnic than from parking?

[2 marks]

2 (d) Jon sees the date of a fundraising event in 2022

He writes the date on his note pad.

What will Jon write?

Tick (✓) your answer.

[1 mark]

	11/02/2022	11/03/22	22/03/11	20/11/22
	A ( )	**B ( )**	**C ( )**	**D ( )**

2 (e) The nature reserve is open every week of the year.

How many weeks are there in a year?

Tick (✓) your answer.

[1 mark]

	24	100	52	12
	A ( )	**B ( )**	**C ( )**	**D ( )**

[Total marks: 8]

4

Activity 3: Taking photos

Jon starts to take photos.

3 (a) Jon takes a photo of these birds.

How many birds are there?

[1 mark]

3 (b) Jon takes two photos of every goldfinch he sees.

He takes 46 photos in total.

He works out how many goldfinches he has seen.

Put the missing symbol in the box.

[1 mark]

$$46 \ \square \ 2 = 23$$

Please turn over

5

3 (c) Jon has 67 videos on his phone.

He takes 36 more videos of birds.

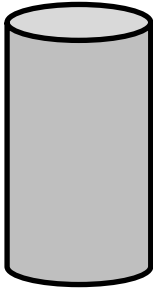How many videos are on his phone in total?

[2 marks]

3 (d) Jon sees this birdhouse.

What is the name of this 3D shape?

[1 mark]

6

3 (e)   Jon stops birdwatching at 4 o'clock in the afternoon.

Which clock shows this time?

Tick (✓) your answer.

[1 mark]

04:00	06:00	14:00	16:00
A ( )	**B ( )**	**C ( )**	**D ( )**

3 (f)   The nature reserve has a shop.

Opening and closing times	
Monday	11.00 – 5.00
Tuesday to Thursday	11.00 – 4.00
Friday	closed
Saturday and Sunday	10.00 – 6.00

It is Saturday.

What time will the shop close?

[1 mark]

3 (g)   Jon buys a bag of bird seed to take home.
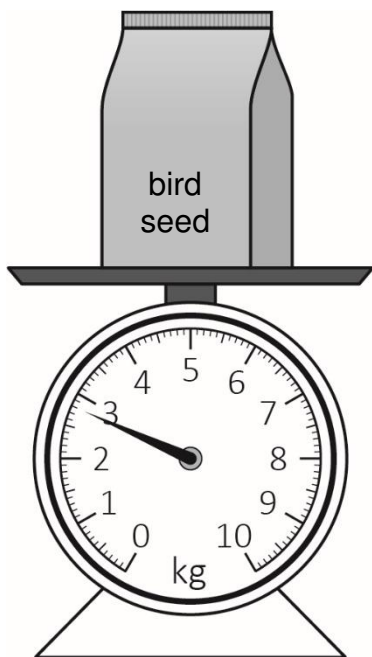
How much does the bag of bird seed weigh to the nearest kilogram?
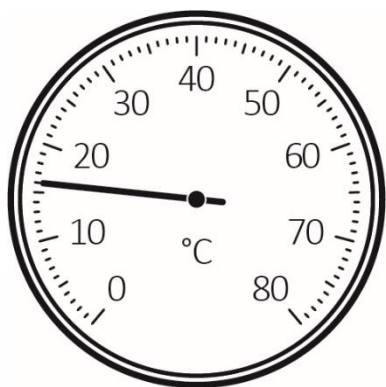
[1 mark]

[Total marks: 8]

Activity 4: Back at home

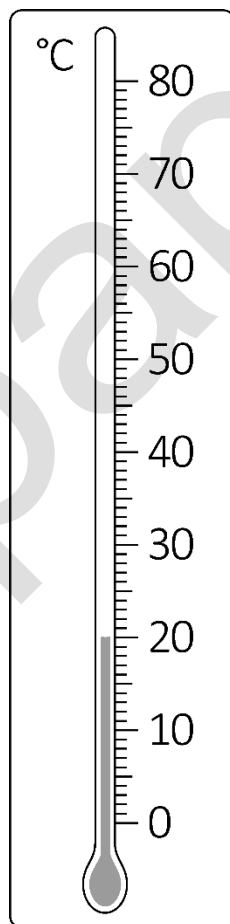Jon gets home after a long day.

4 (a)   Jon feels cold when he gets home.

He checks the temperature in his lounge and the temperature in his bedroom.

lounge   **bedroom**

What is the temperature of the warmer room?

[1 mark]

4 (b) Jon counts the birds he sees in his garden.

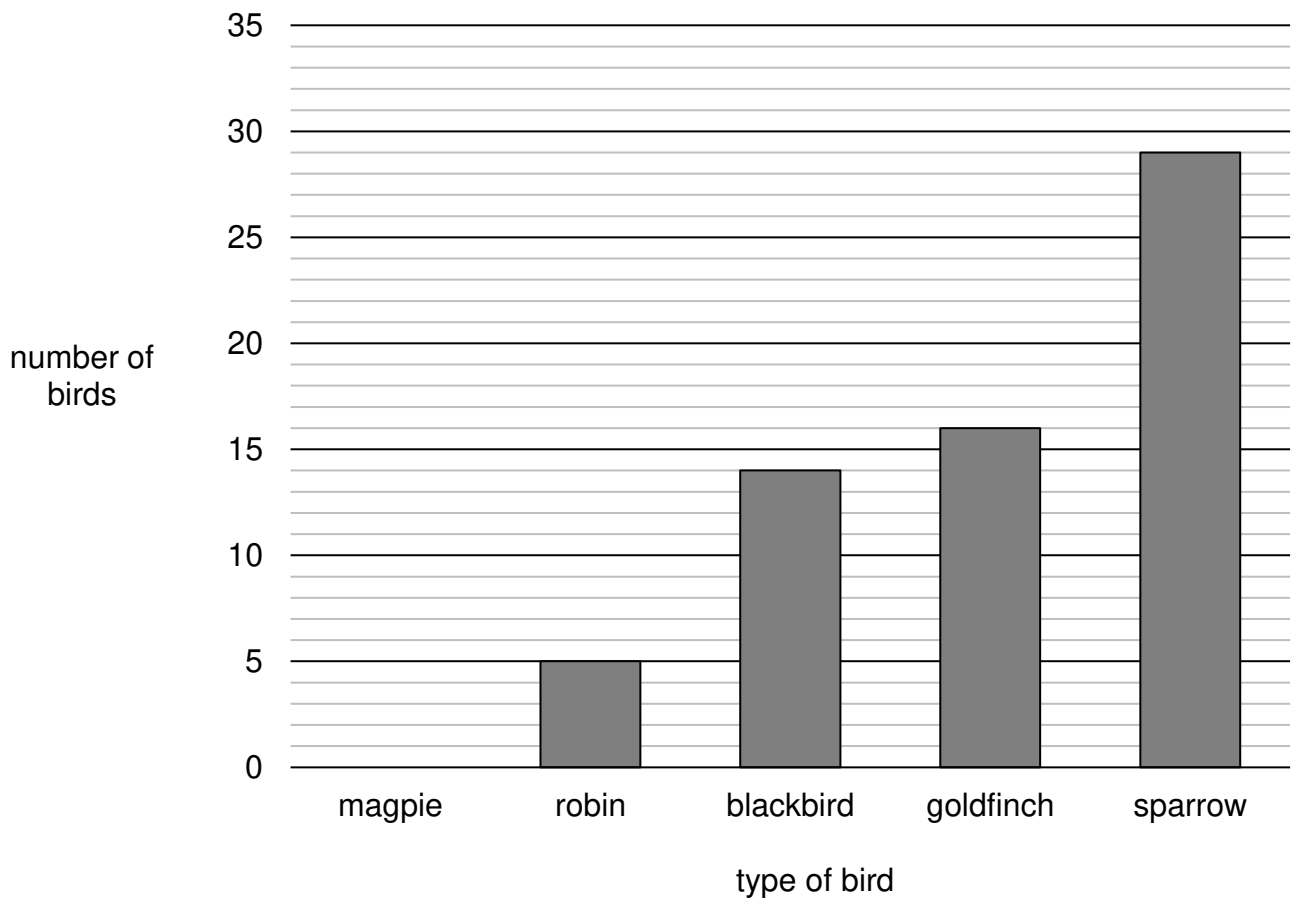| magpie | 25 |
robin	5
blackbird	14
goldfinch	16
sparrow	29

He starts to show the results in a bar chart.
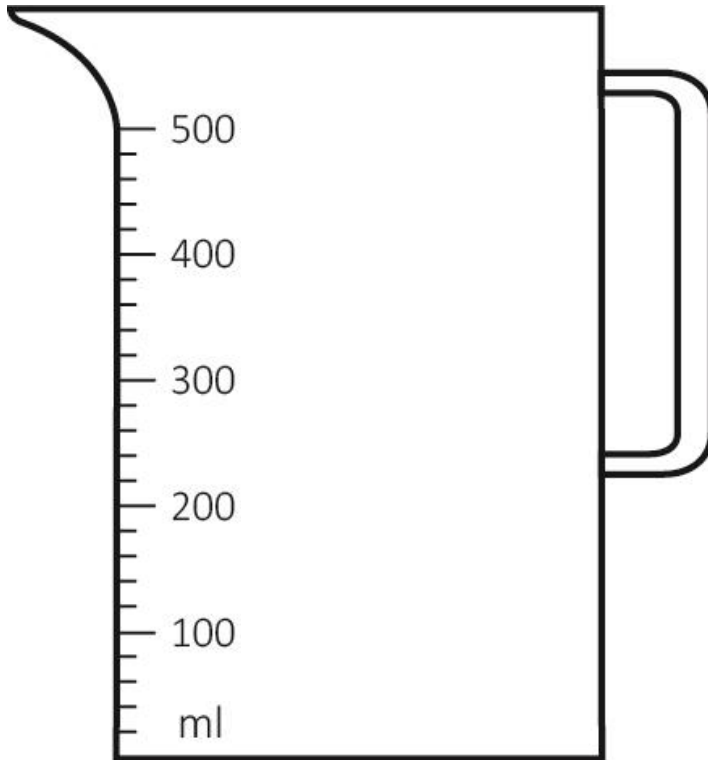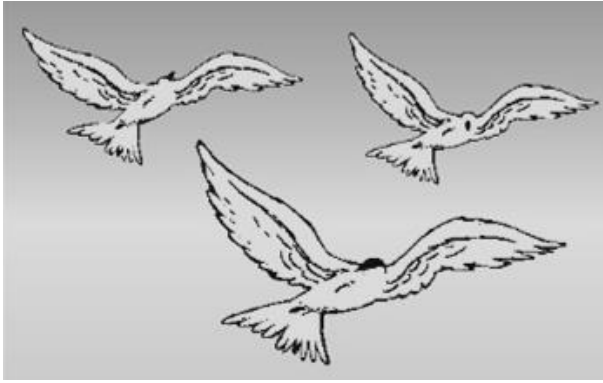
Complete the bar chart.

[1 mark]

Birds seen

4 (c) Jon uses a jug to fill the bird bath in his garden.

He puts 200 ml of water in this jug.

Show where 200 ml is on this jug.

[1 mark]

4 (d)   Jon prints a photo.

←   **8**   →

How wide is the photo?

Tick (✓) your answer.

[1 mark]

8 m	8 mm	8 cm	8 km
A ( )	**B ( )**	**C ( )**	**D ( )**

4 (e) A shop sells photo paper in packs.

Each pack has six sheets in it.

Jon is going to print 42 photos.
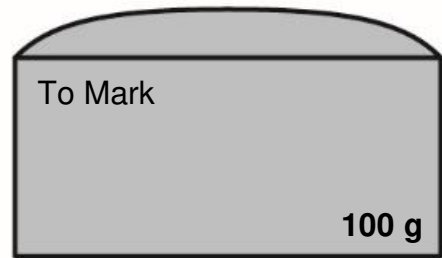
How many packs of photo paper does he need?

[2 marks]

4 (f)   Jon sends the photos to his friends.

He posts these letters.

To Ollie

145 g

To Mark

100 g

To Ben

1 kg

Jon thinks each of the letters weighs less than 150 g

Is he correct?

Give a reason for your answer.

[2 marks]

[Total marks: 8]

This is the end of the internal assessment.

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