


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

Paper number: Paper 2
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.

To be completed by the assessor		Mark
B	Activity 2	/ 8
	Activity 3	/ 8
	Activity 4	/ 8

Resources

You will need:

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

Please complete the details below clearly and in **BLOCK CAPITALS**.

Learner name _____

Centre name _____

Learner number Centre number

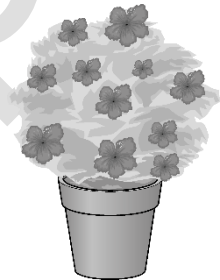
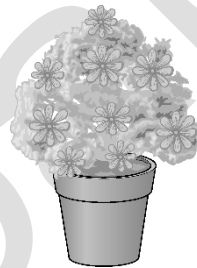
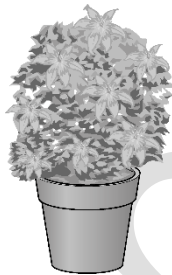
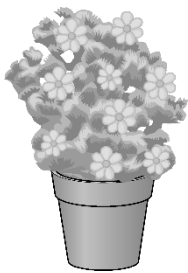
Do not turn over until the assessor tells you to do so.

Activity 2: The garden centre

James goes shopping at a garden centre.

- 2(a)** James wants a plant.
He buys the tallest plant.
Which plant does he buy?
Tick (✓) your answer.

[1 mark]



1.5 m tall

A ()

1.8 m tall

B ()

1.3 m tall

C ()

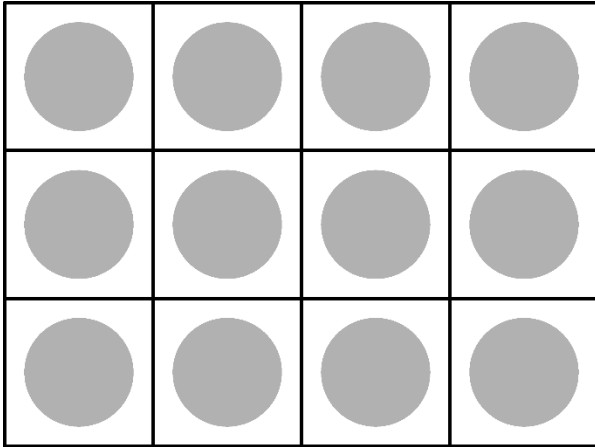
1.2 m tall

D ()



2(b) James buys 8 trays of bedding plants.

Each tray has 12 plants



He thinks he will have 96 plants.

Show how to use rounding to the nearest 10 to check if he is correct.

[3 marks]



Blank area for the student to show their work.

Please turn over

2(c) James looks at the compost.

He wants at least 65 litres. He has £10 to spend.

Compost A	45 litres	£12.00
Compost B	30 litres	£5.00
Compost C	65 litres	£11.00
Compost D	70 litres	£9.00

Which compost should James pick?

[2 marks]



2(d)

James sees some bottles of lawn feed for sale.

Which bottle of lawn feed has the most in it?

Tick (✓) your answer.

[1 mark]



120 ml

A ()



22 ml

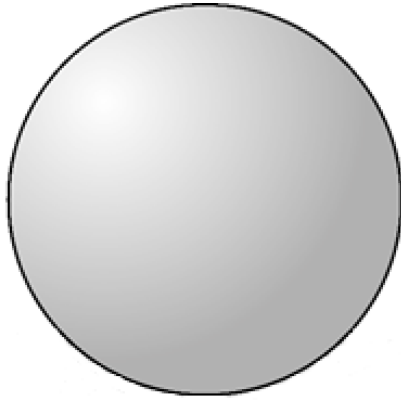
B ()



2 litres

C ()

2(e) James buys a water feature.



What is the name of the 3D shape?

[1 mark]



[Total marks: 8]

Please turn over

Activity 3: Gardening

James does some work in the garden.

3(a) Here is a diagram of James' garden.

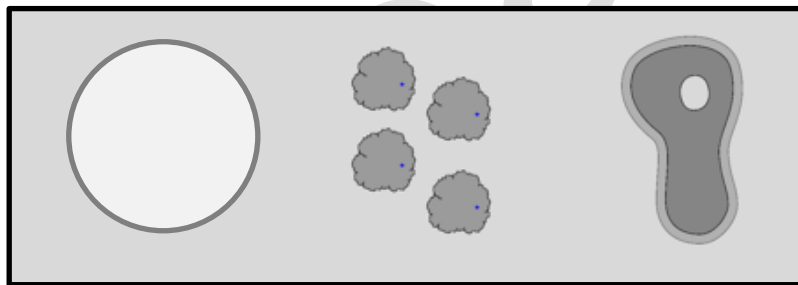
It is a rectangle.

Fill in the missing numbers below to describe the rectangle.

[2 marks]



Rectangles have _____ sides and _____ corners.



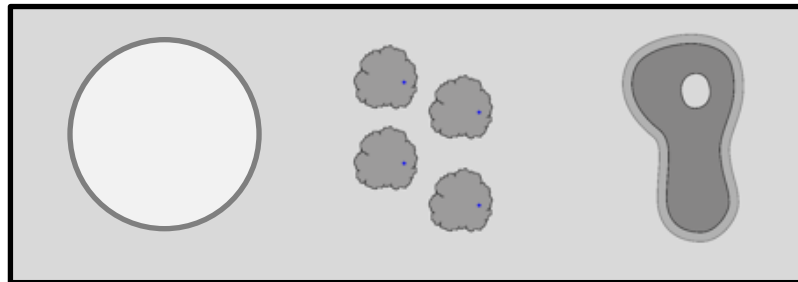
3(b) The garden has these measurements.

Diagram is not drawn to scale

Length - 11



Width - 4



Tick (✓) two statements that are correct.

[2 marks]

The garden is
11 cm long.

A ()

The garden is
11 m long.

B ()

The garden is
4 mm wide.

C ()

The garden is
4 m wide.

D ()

The garden is
11 km long.

E ()

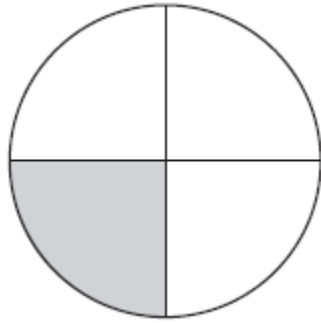
The garden is
4 cm wide.

F ()

Please turn over

3(c) James cuts the grass.

The shaded area shows how much he has cut.



What fraction of the grass has he cut?

[1 mark]

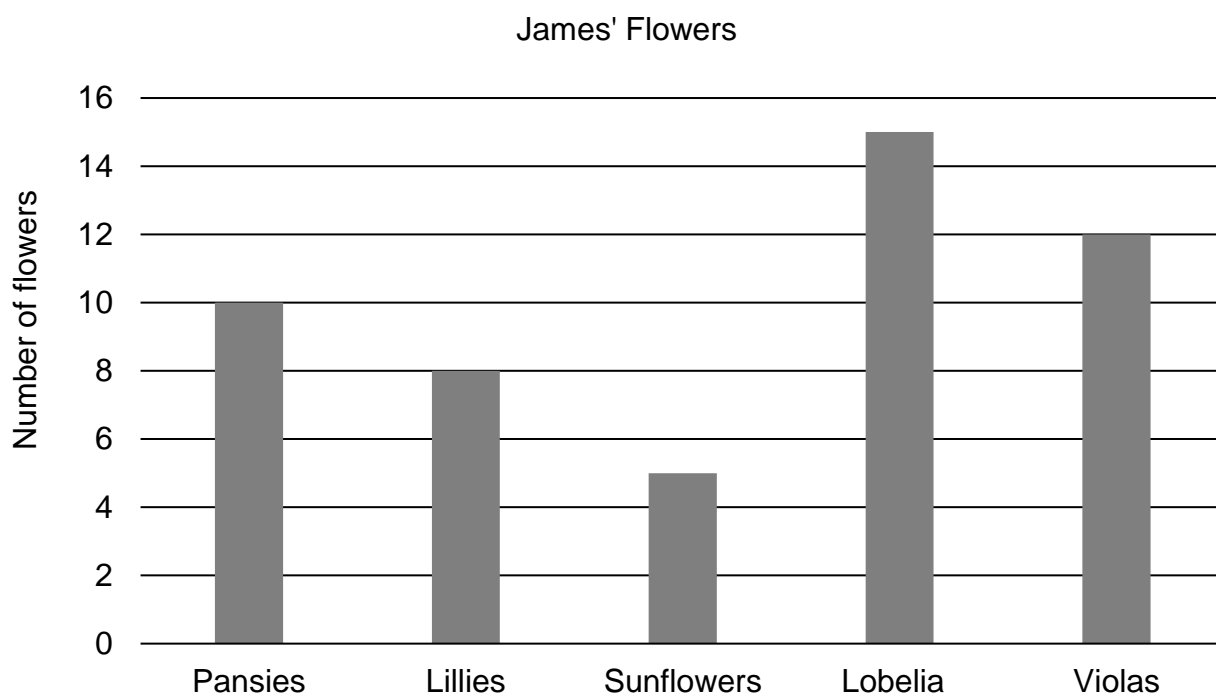


3(d) What fraction has **not** been cut?

[1 mark]



3(e) The chart shows the number of flowers in the garden.



Are there more violas than sunflowers?

Explain your answer.

[2 marks]



[Total marks: 8]

Please turn over

Activity 4: Birds in the garden

James wants to encourage birds to visit his garden.

4(a) James makes a note of how many birds visited his garden over four days.

Monday IIII IIII IIII IIII

Tuesday IIII IIII IIII

Wednesday IIII IIII IIII IIII IIII

Thursday IIII IIII

Put the information into the table below.

[2 marks]

Day	Number



4(b) What is the total number of birds that visited the garden?

[2 marks]



4(c) James buys one pack of each type of bird feeder.



How many feeders will he have in total?

[2 marks]



Please turn over

4(d)

James divides a box of suet feeders equally between four trees.



Which symbol goes in the sum to show this?

Fill in the space with the correct symbol.

$$20 \quad \underline{\quad} \quad 4 = 5$$

[1 mark]

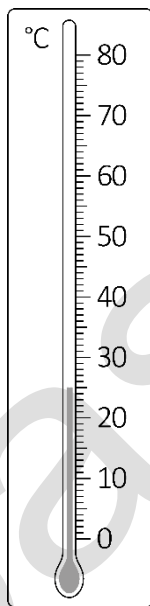
4(e)

James records the temperature in his garden over four days.

What is the hottest day?

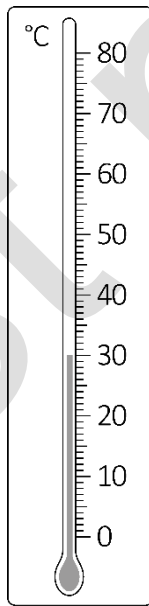
Tick (✓) your answer.

[1 mark]



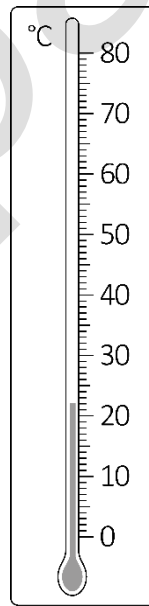
Monday

A ()



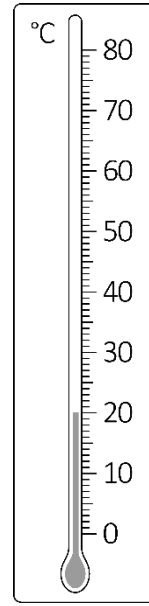
Tuesday

B ()



Wednesday

C ()



Thursday

D ()

[Total marks: 8]

This is the end of the assessment.

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