



PASS
FUNCTIONAL
SKILLS

Functional Skills Model Solutions

PassFunctionalSkills.co.uk

[Book Functional Skills Exams](#)

[See our Functional Skills Course](#)

More Free Revision Materials

[Maths Level 2](#)

[Maths Level 1](#)

[English Level 2](#)

[English Level 1](#)

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.

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 _____

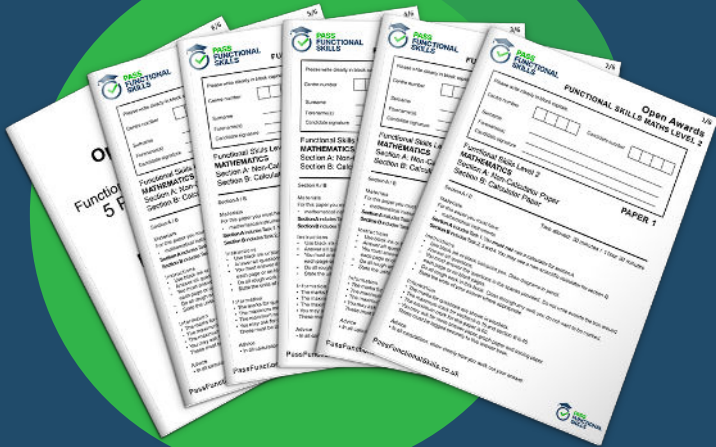
Learner number

Centre number

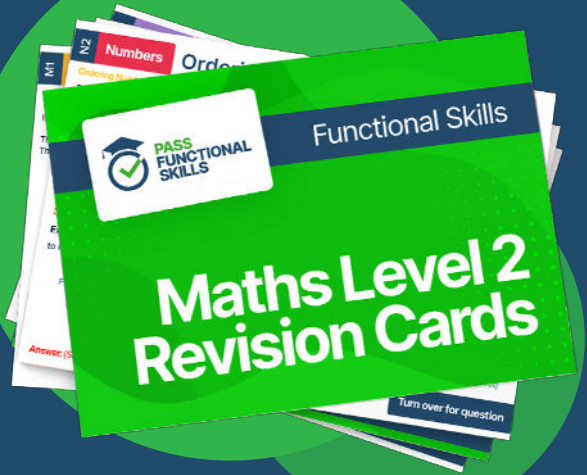
Do not turn over until the assessor tells you to do so.



PASS
FUNCTIONAL
SKILLS



Functional Skills Maths
Level 2 Practice Papers



Functional Skills Maths
Level 2 Revision Cards



Functional Skills English Level 2
Practice Papers & Revision Cards



Functional Skills Maths
Level 2 Pocket Revision Guide

Or visit

passfunctionalskills.co.uk

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 ()



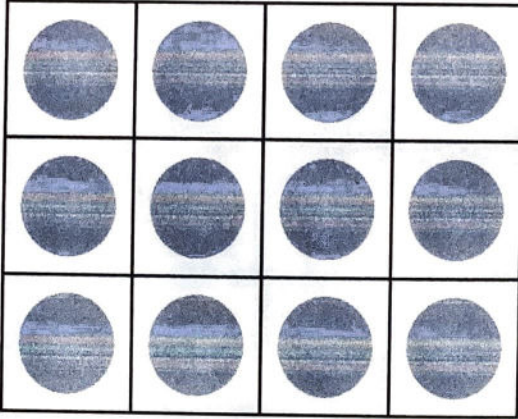
1.2 m tall

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]



$$8 \rightarrow 10, 12 \rightarrow 10$$

$$10 \times 10 = 100.$$

$$96 \rightarrow 100.$$

He is correct.

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]



Compost D.

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 ()

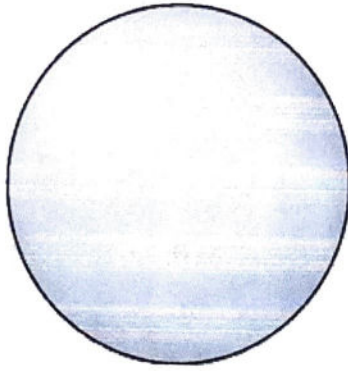


2 litres

C (✓)



2(e) James buys a water feature.



What is the name of the 3D shape?

[1 mark]



Sphere

[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.

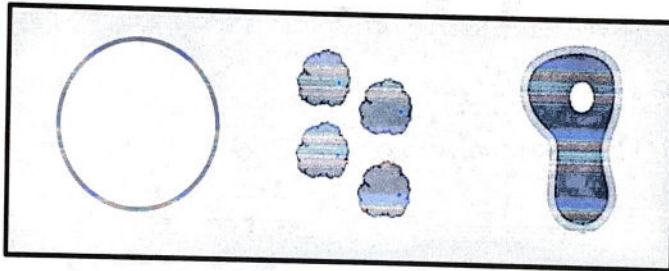
It is a rectangle.

Fill in the missing numbers below to describe the rectangle.

[2 marks]



Rectangles have 4 sides and 4 corners.



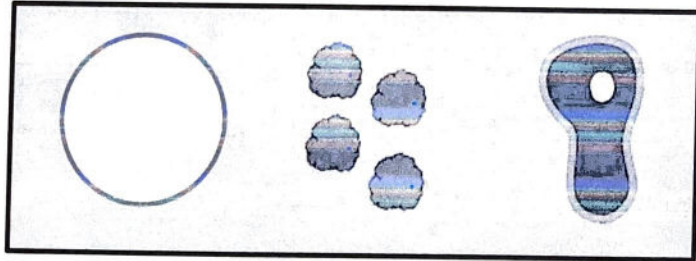
3(b) The garden has these measurements.

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 ()

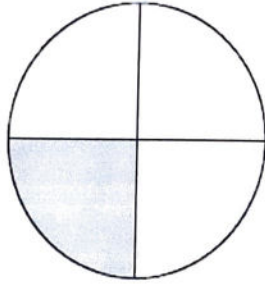
The garden is
4 cm wide.

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]



$\frac{1}{4}$

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

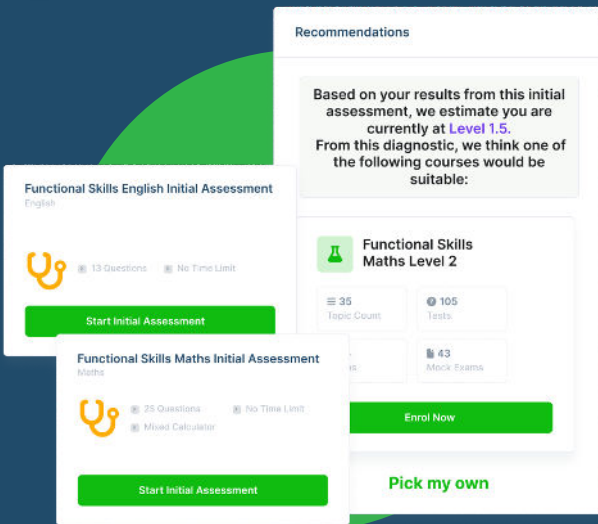
[1 mark]



$\frac{3}{4}$

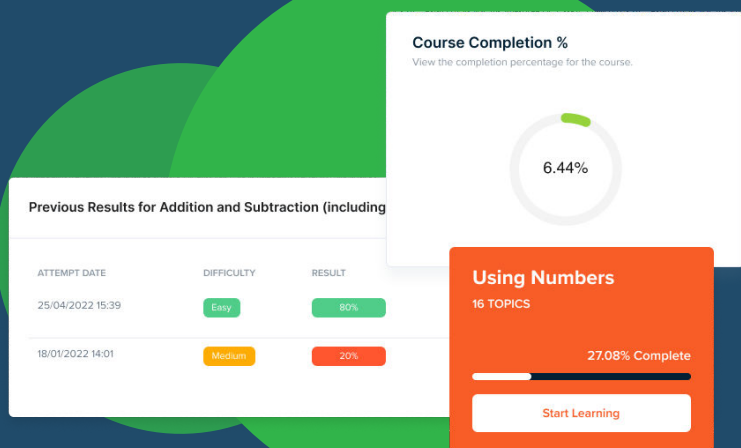
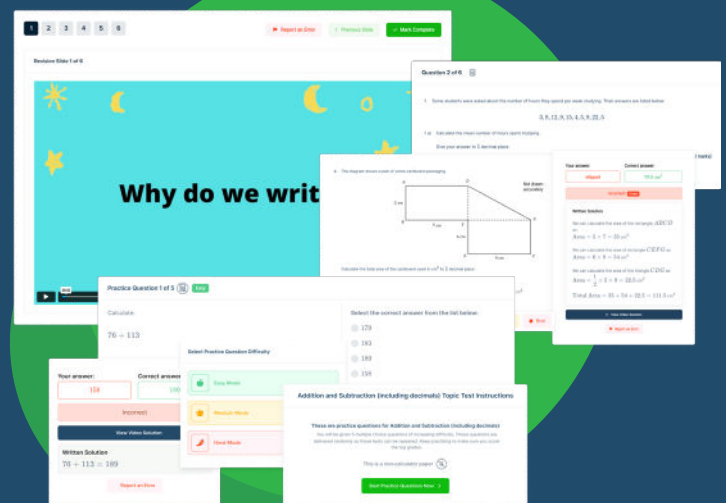


FUNCTIONAL SKILLS ONLINE COURSES



- ✓ Your answers are analysed to determine your Current Level
- ✓ Suggested courses for you to enrol on based on your calculated level
- ✓ Always know the level you are currently working at
- ✓ Determine when you are ready to sit your exam

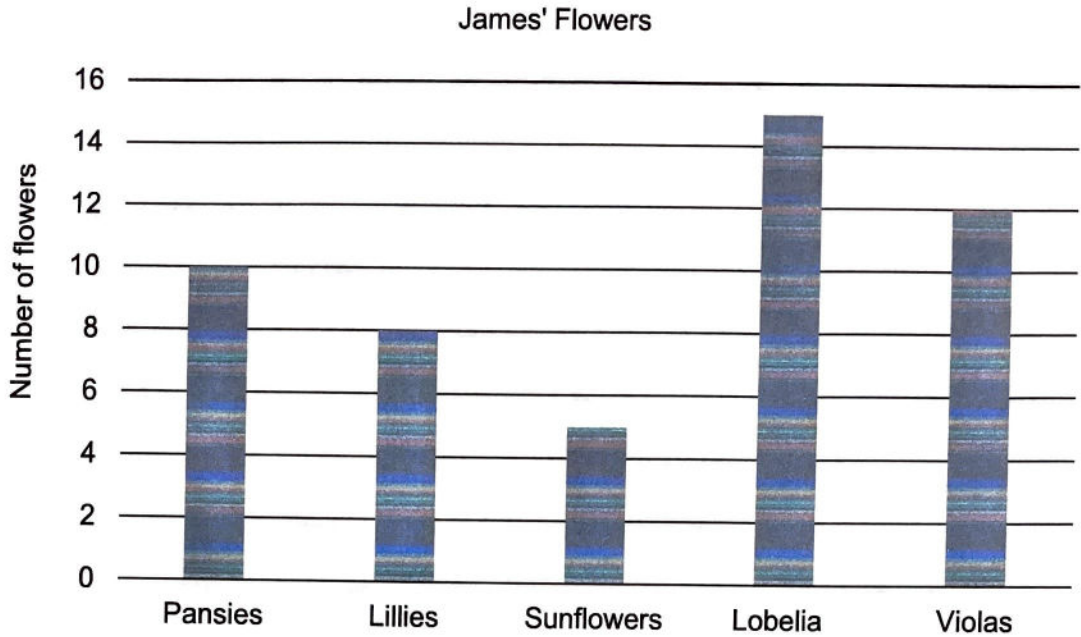
- ✓ Explainer videos on every topic
- ✓ Quick-fire style multiple choice questions
- ✓ Test your knowledge with exam-style questions
- ✓ Written solutions for all questions



- ✓ See your progress through as you progress through each topic area
- ✓ Get your average scores for practice questions, topic tests and mock exams
- ✓ View all practice question, topic test and mock exam attempts over time
- ✓ View historical attempts to analyse your progress over time

Or visit
passfunctionalskills.co.uk

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



Are there more violas than sunflowers?

Explain your answer.

[2 marks]



Yes, there are 12 violas and 5 sunflowers

There are 7 more violas

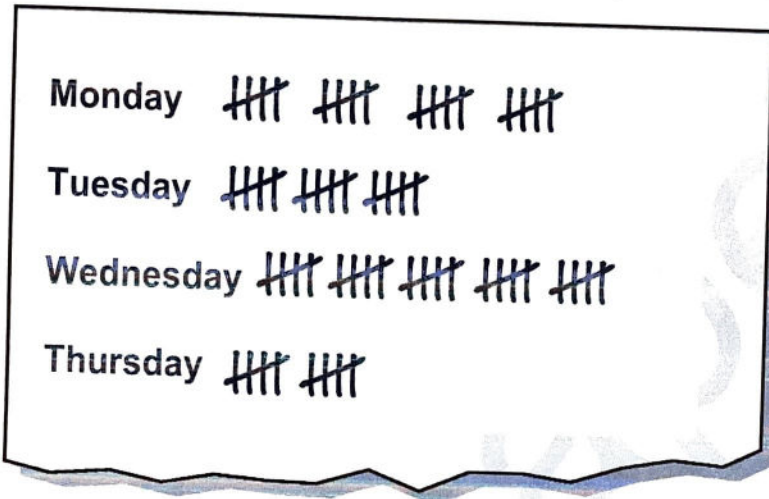
[Total marks: 8]

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.



Put the information into the table below.

[2 marks]

Day	Number
Monday	20
Tuesday	15
Wednesday	25
Thursday	10



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

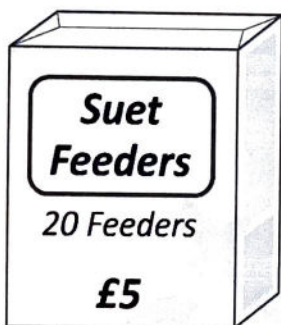
[2 marks]



$$20 + 15 + 25 + 10$$

$$= 70$$

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.

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

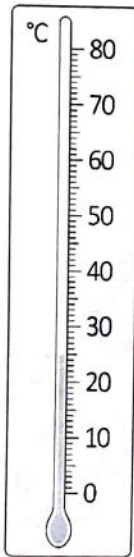
[1 mark]

- 4(e) James records the temperature in his garden over four days.

What is the hottest day?

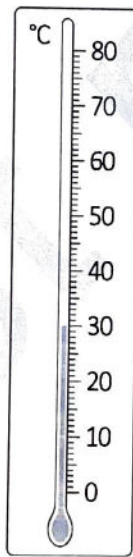
Tick (✓) your answer.

[1 mark]



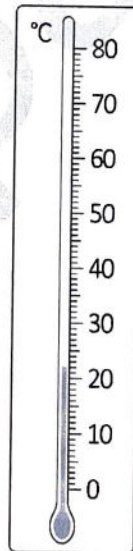
Monday

A ()



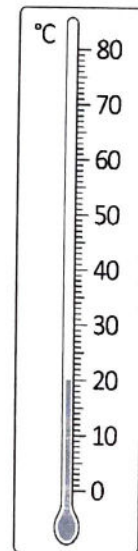
Tuesday

B (✓)



Wednesday

C ()



Thursday

D ()

[Total marks: 8]

This is the end of the assessment.

This page is intentionally left blank.