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Functional Skills Mathematics (4748)

Entry 2 Sample Assessment



www.cityandguilds.com
March 2020
Version 1.2

Candidate's paper – Calculator allowed
Garden Centre

Time allowed – 65 minutes

Marks: 27

Name: _____

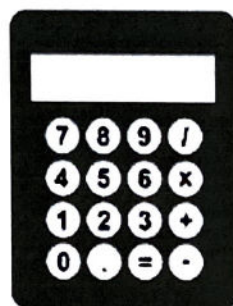
City & Guilds Enrolment Number: _____

Date of registration: _____

Date of assessment: _____

You will need

- a calculator
- a pen with black or blue ink
- a pencil
- a rubber
- a ruler.



You may use a dictionary.

Instructions

- Read each question carefully.
- Answer **all** the questions.

Candidate's declaration:

I confirm that this assessment is my own work.

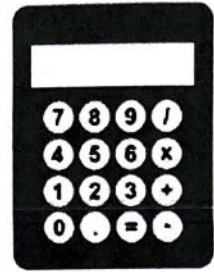
Candidate's signature _____

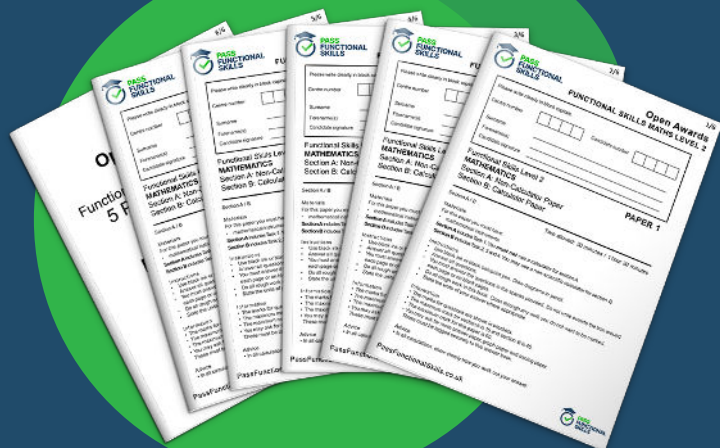
Date _____

Calculator paper

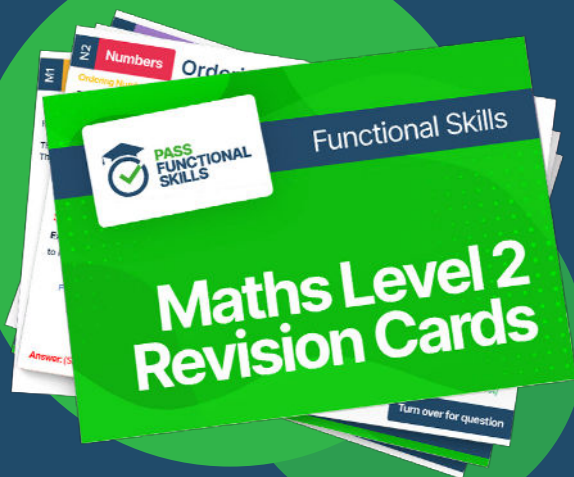
There are **27** marks available.

You may use a calculator.





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

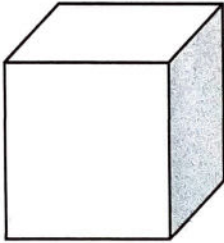
Q1

How many weeks are in one year?

1 mark

.....52.....

Q2



How many faces does a cube have?

- A 3 ☐
- B 4 ☐
- C 5 ☐
- D 6 ☒

1 mark

Q3 Count these flower pots.



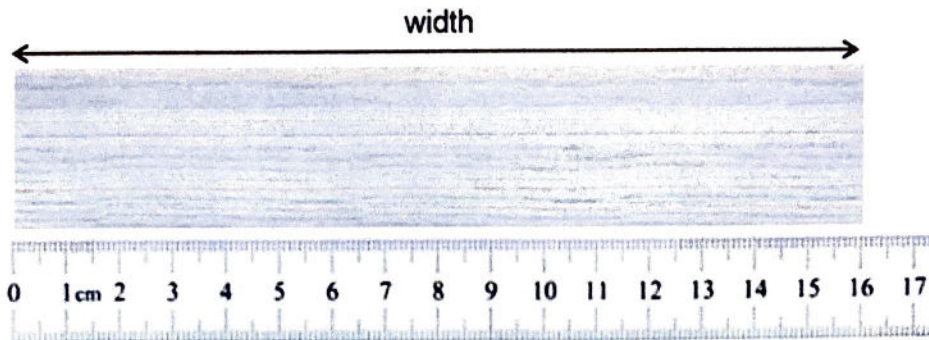
How many flower pots are there?

44 .

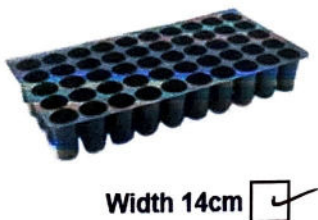
1 mark

Q4 A trainee needs to plant some seeds.

She needs seed trays that will fit on this shelf.



The garden centre has these different sizes of seed trays.



Tick which seed trays will fit on the shelf.
Use numbers to explain your answer.

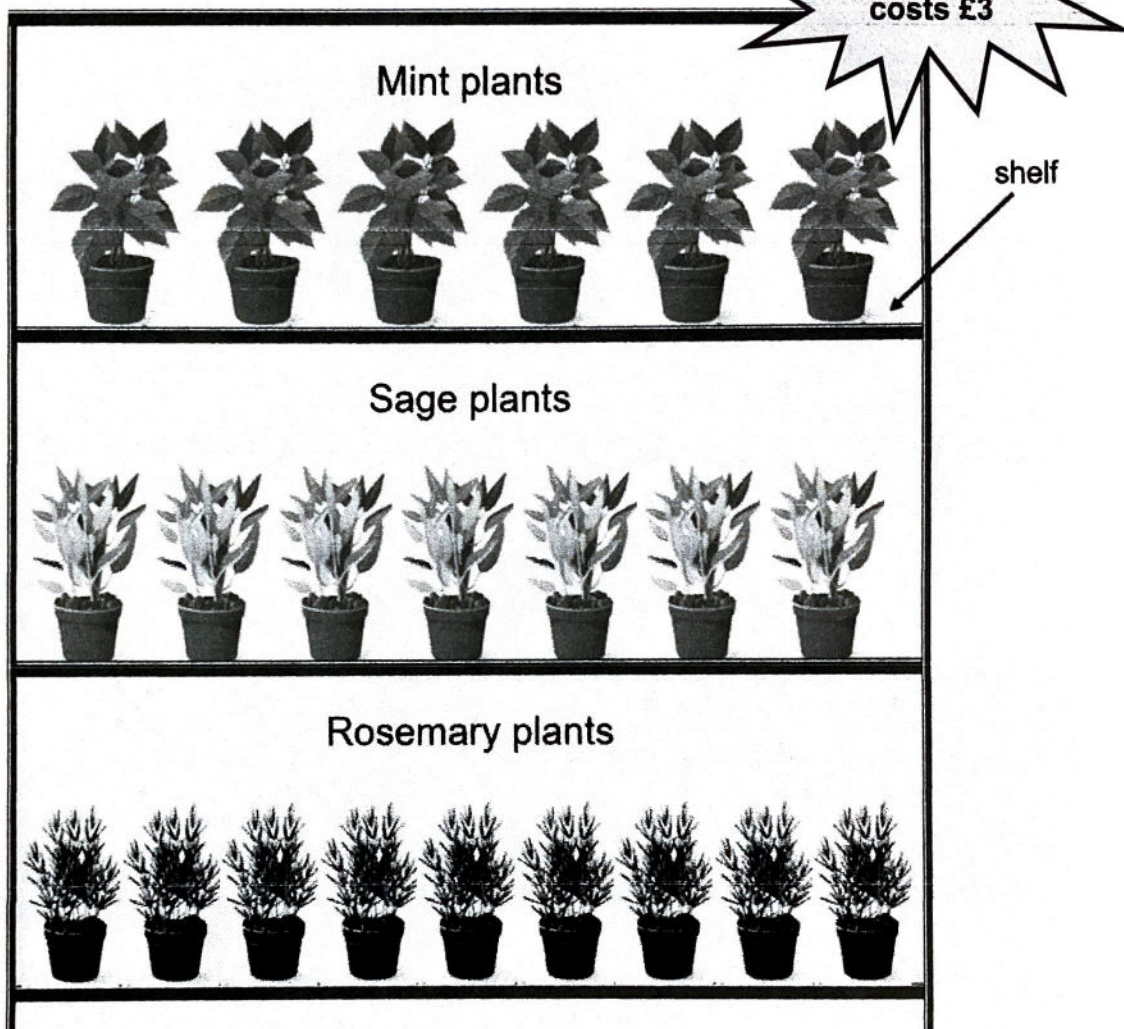
Explanation

The shelf is 16cm long.
The trays of width 14cm and 15cm will
fit on.

3 marks

- Q5** A customer wants to buy some mint plants.
He asks an assistant where the mint plants are.

The assistant looks on these shelves.



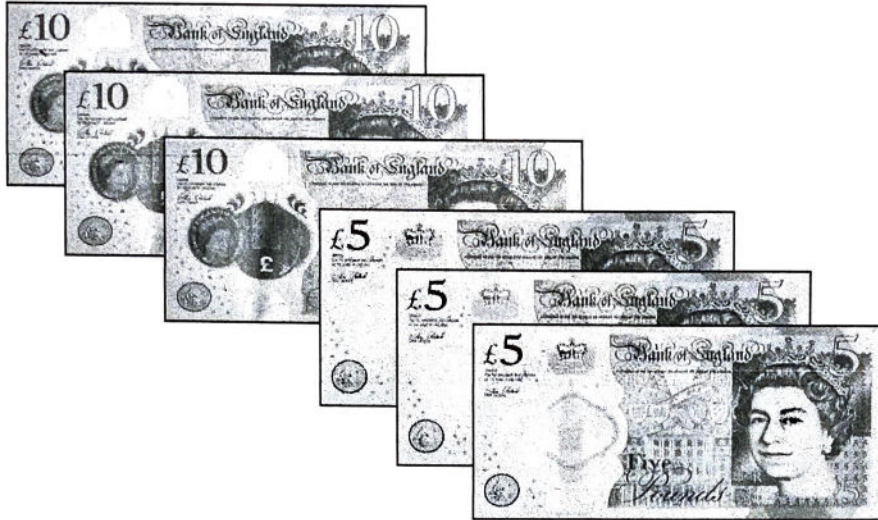
a

What does the assistant say?

On the top shelf.

1 mark

The customer has this amount of money



b

How much money does he have altogether?

Show your working out.

$$(\pounds 10 \times 3) + (\pounds 5 \times 3) = \pounds 30 + \pounds 15$$

=

Amount of money £ 45

2 marks

He buys 12 plants.

c

How much money will he have left?
Give units with your answer.

Show your working out.

$$12 \times \pounds 3 = \pounds 36$$

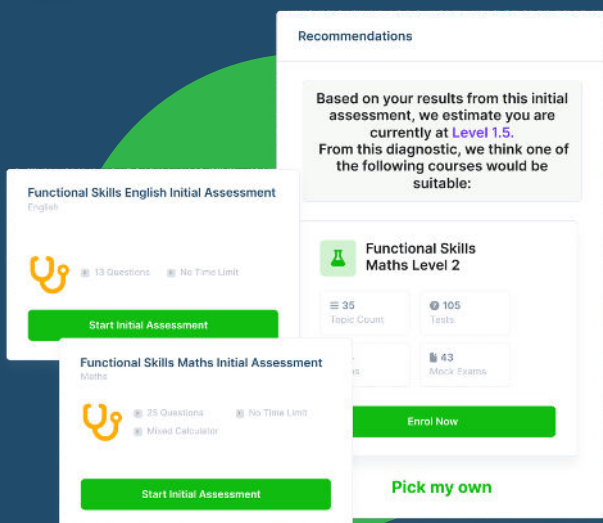
$$\pounds 45 - \pounds 36$$

Money left £11

3 mark

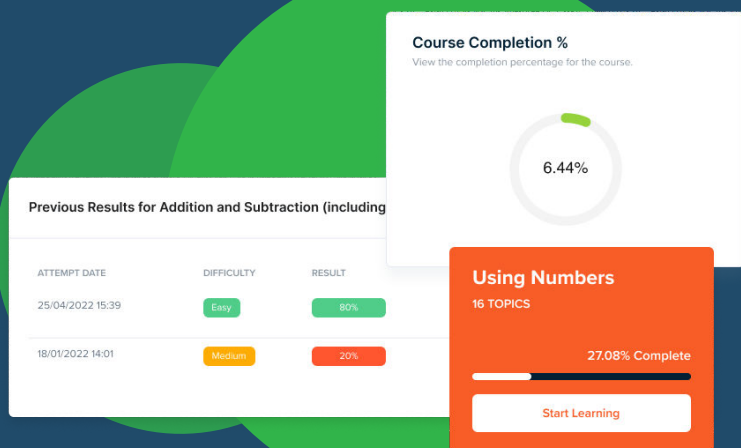
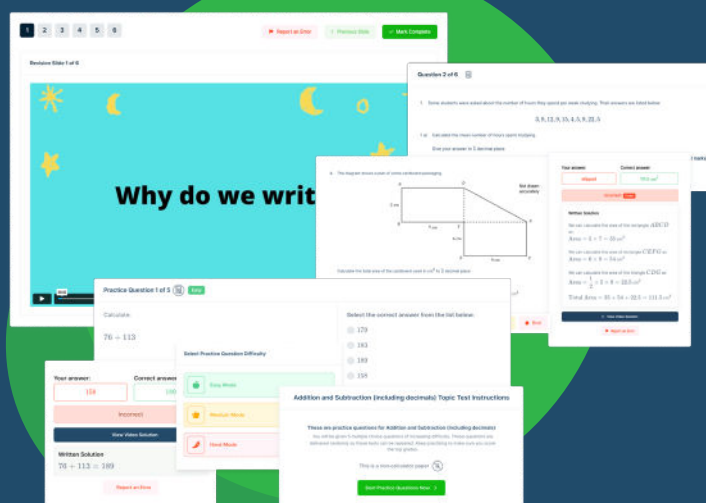


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- ✓ Suggested courses for you to enrol on based on your calculated level
- ✓ Always know the level you are currently working at
- ✓ Determine when you are ready to sit your exam

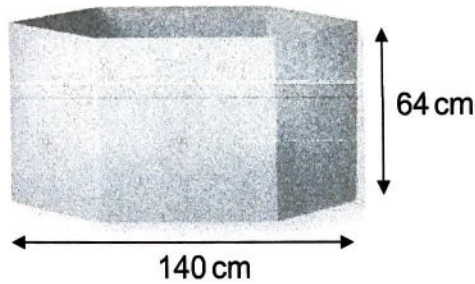
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Q6 Another customer wants to buy this flower planter.



Flower planter

a What shape is the base of this planter?

.....Hexagon.....

1 mark

b What is the height of the planter?
Give units with your answer.

.....64cm.....

1 mark

The planter costs £88.
The customer sees this special offer.



c What is the price of the planter today?

Show your working out.

£ 44 .

2 marks

- Q7** A customer wants to buy a large bag of compost. She asks an assistant how much the **largest** bag costs.

The assistant looks at this table.

Bags of compost		
Bag	Size	Price
A	35 litres	£4
B	50 litres	£6
C	25 litres	£5
D	125 litres	£8
E	120 litres	£9

The assistant makes a note for the customer. Complete the note.

Compost	
Size 125 litres	Price £8

2 marks

- Q8** The supervisor receives a bonus payment on each day when the garden centre sells **more than 30** rose plants.

In **Week 1** the supervisor did not receive a bonus.

The table shows the sales of rose plants in **Week 2**.

Number of rose plants sold						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
23	32	25	33	36	38	31
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

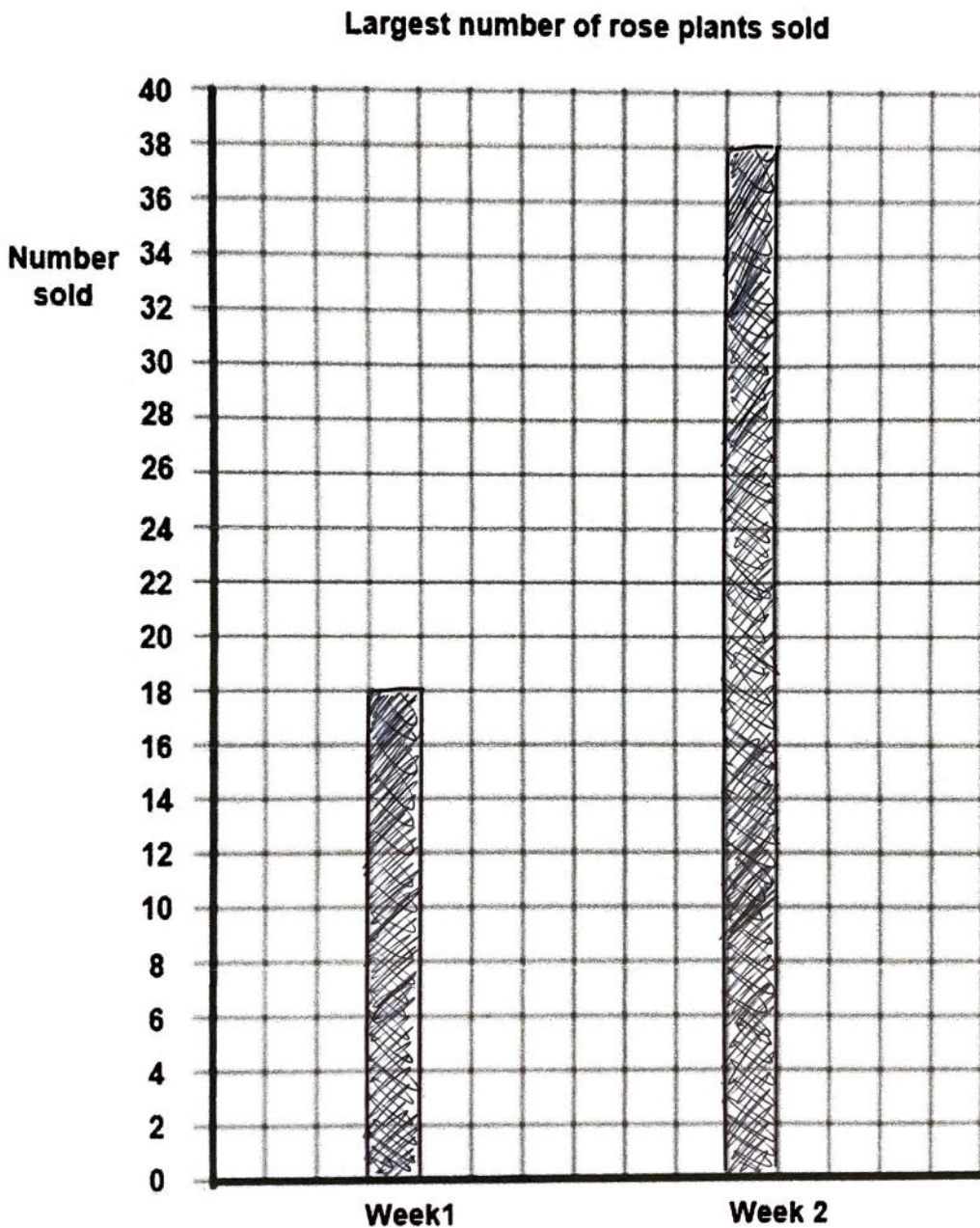
- a** Which days will the supervisor receive a bonus?
Tick all those days.

2 marks

The manager wants a chart to show the largest number of rose plants sold on one day in **Week 1** and **Week 2**.

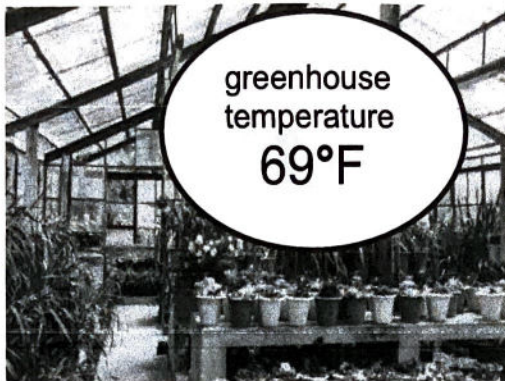
In **Week 1** the largest number sold was 18.

- b Draw **two** bars to complete the bar chart.



3 marks

Q9 A gardener checks the temperature inside a greenhouse.



The temperature should be 80°F

a How much hotter should the greenhouse be?

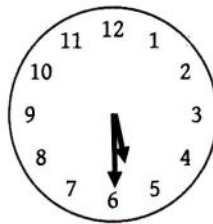
$$80 - 69 = 11.$$

11 °F

2 marks

The gardener should finish his work shift at a quarter past 5.

He checks his watch.



b Has he finished his shift?
Explain why you think your answer is correct.

Yes / No*Yes*.....

I think my answer is correct because

The time is half past 5, which is later than quarter past 5.

2 marks

Total marks: 27

End of calculator paper

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