Functional Skills Mathematics (4748)
Entry 2 Sample Assessment

www.cityandguilds.com
July 2022
Version 1.0

Candidate's paper – Non-calculator
Garden Centre

Time allowed – 25 minutes

Marks: 9

Name: _____

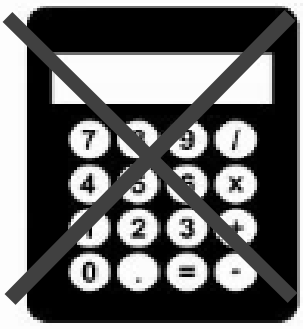
City & Guilds Enrolment Number: _____

Date of registration: _____

Date of assessment: _____

You will need

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



You may use a dictionary.

You must **not** use a calculator.

Instructions

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

Candidate's declaration:
I confirm that this assessment is my own work.

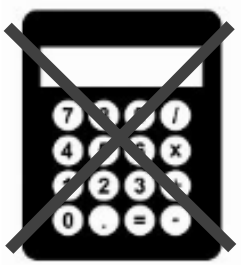
Candidate's signature _____

Date _____

Non-calculator paper

There are **9** marks available.

You must **not** use a calculator.



Q1 What is 90 divided by 4?

…… remainder …….. **1 mark**

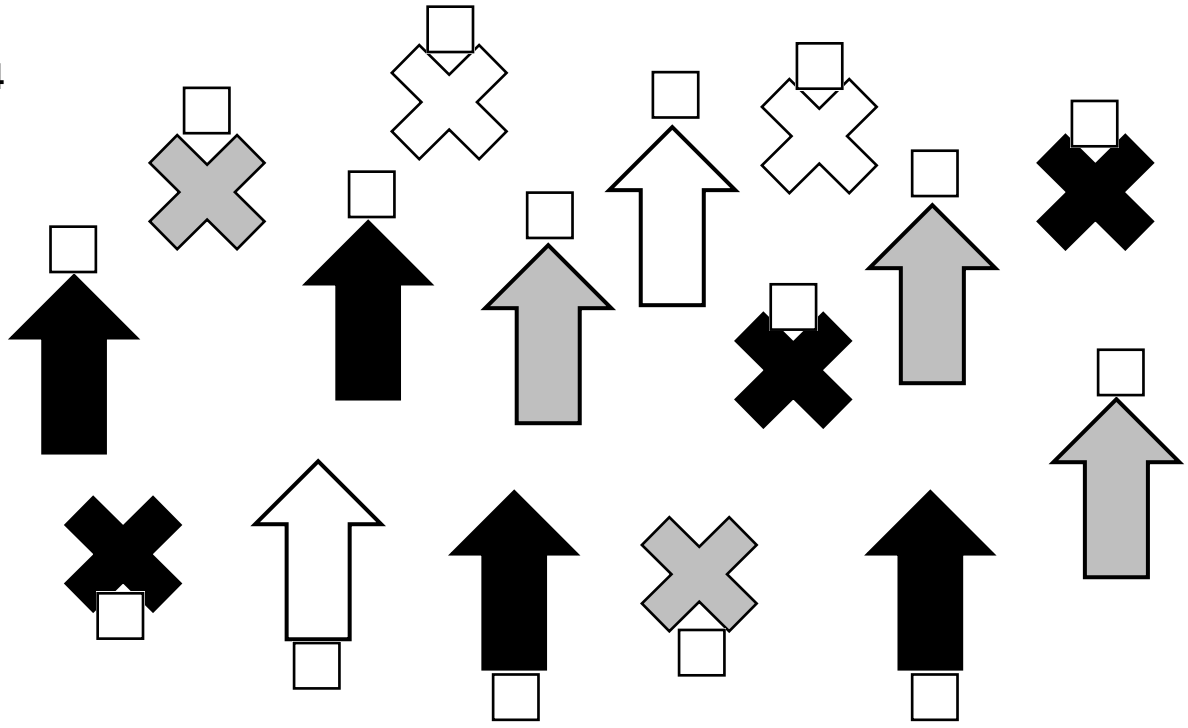
Q2 What number comes next in this list?

63 65 67 69 …… **1 mark**

Q3 How many hours are there in one day?

……**hours** **1 mark**

Q4



Tick all the **black arrows**. **1 mark**

Q5 10 x 12 =

…… **1 mark**

Q6 A shop sells packs of herbs in these different weights.

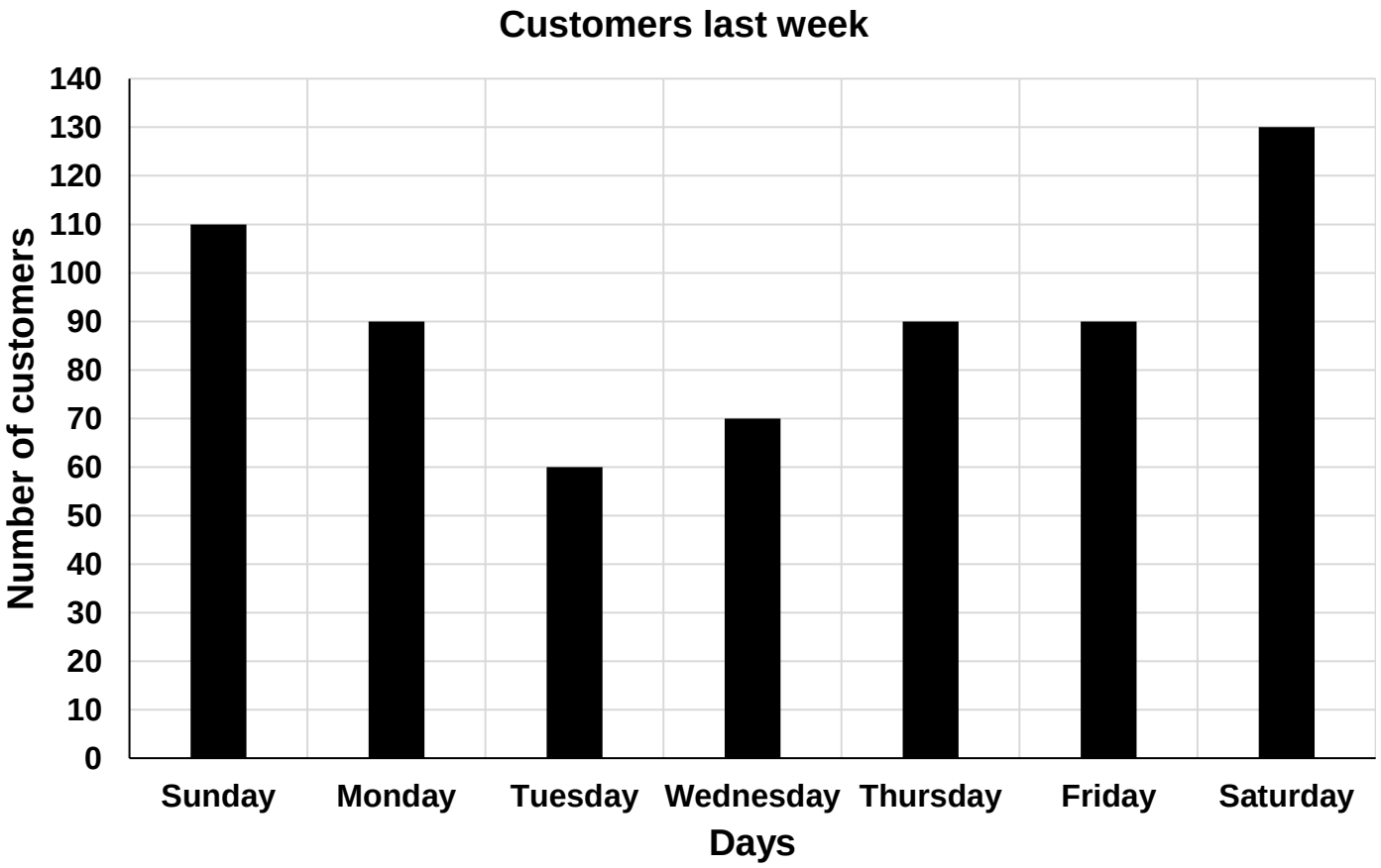
Write the weights in order **starting with the heaviest**.

…… …… …… ……

1 mark

Q7 This bar chart shows the number of customers at a garden centre last week.

The manager wants to know which days had more than 100 customers.



Which days are these?

…… **1 mark**

Q8 A garden centre manager asks his assistant to file these invoices in number order starting with the biggest number.

The Garden Centre
22 First Avenue
Invoice number **117**

The Garden Centre
22 First Avenue
Invoice number **178**

The Garden Centre
22 First Avenue
Invoice number **182**

The Garden Centre
22 First Avenue
Invoice number **89**

In which order should the assistant file the invoices?

A	**182**	**117**	**178**	**89**	☐
B	**182**	**178**	**117**	**89**	☐
C	**117**	**89**	**178**	**182**	☐
D	**89**	**182**	**178**	**117**	☐

1 mark

Q9 A gardener needs to make a wooden post 1.8m high.
He has these lengths of wood.

A **1.3m** ☐

B **1.7m** ☐

C **1.9m** ☐

D **0.8m** ☐

Tick the piece of wood he can use.

1 mark

Total marks: 9

End of non-calculator paper

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Functional Skills Mathematics (4748) Entry 2 Sample Assessment

www.cityandguilds.com
July 2022
Version 1.0

Candidate's paper – Calculator allowed
Garden Centre

Time allowed – 65 minutes

Marks: 27

Name: _____

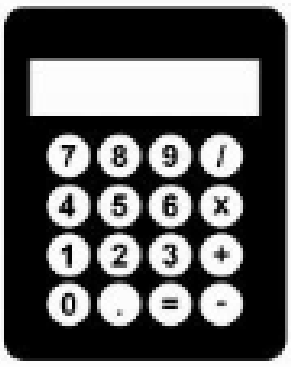
City & Guilds Enrolment Number: _____

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.

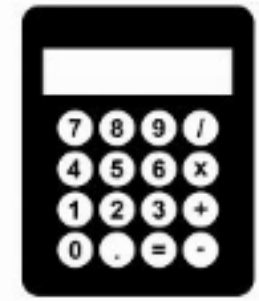
Candidate's signature _____

Date _____

Calculator paper

There are **27** marks available.

You may use a calculator.



Q1

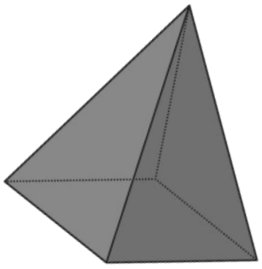
7		**9**	=	**63**

Choose the correct sign to finish the calculation and fill in the box.

=	+	–	x	÷

1 mark

Q2



How many faces does a square based pyramid have?

A 4 ☐

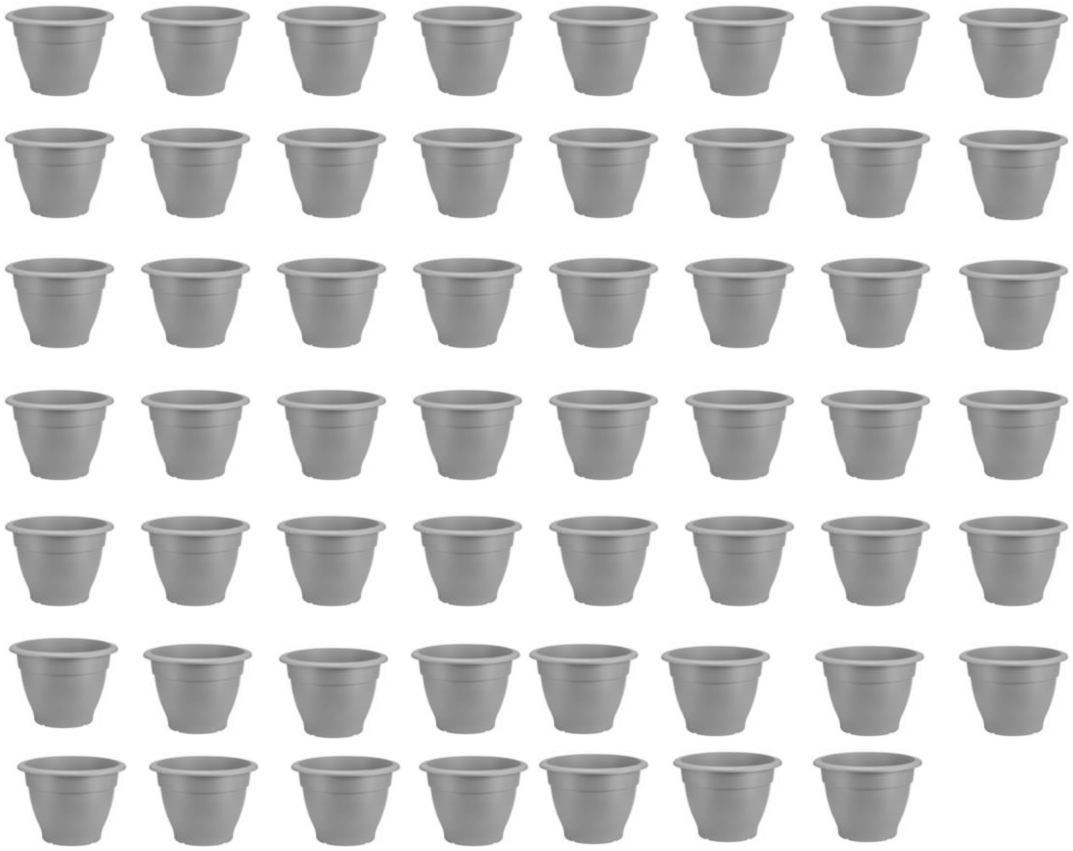
B 5 ☐

C 6 ☐

D 8 ☐

1 mark

Q3 Count these flower pots.

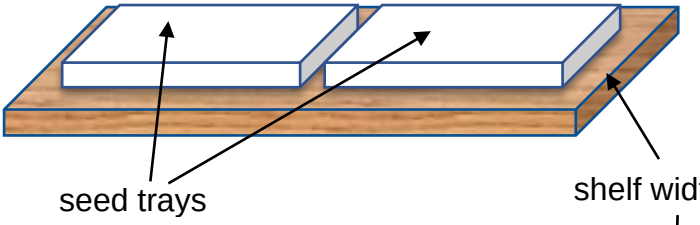


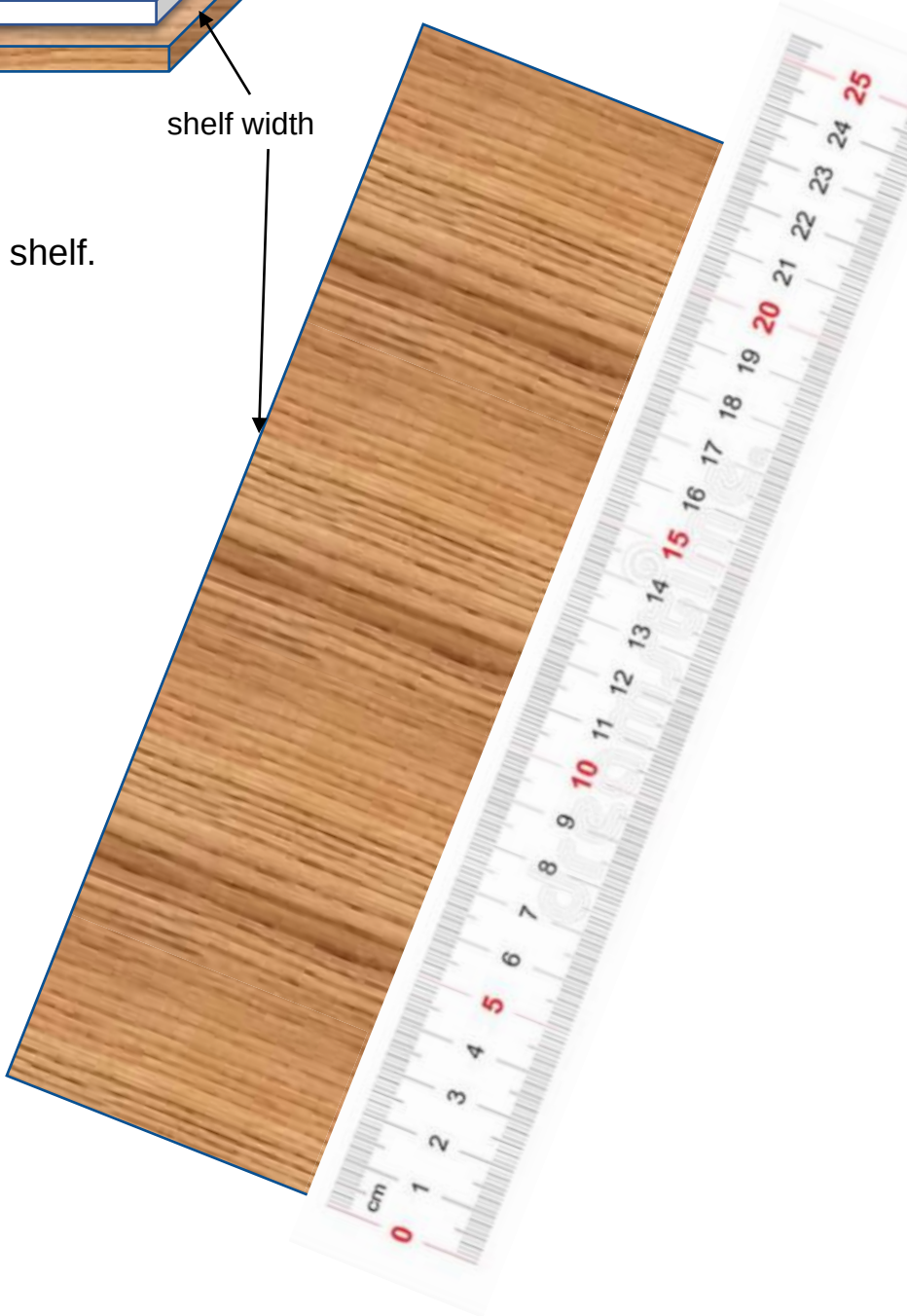
How many flower pots are there?

…… **1 mark**

Q4 A trainee at a garden centre needs to plant some seeds.

She wants seed trays that will fit on this shelf.





She measures the width of the shelf.

The garden centre has these different size seed trays.

Width 18cm ☐

Width 24cm ☐

Width 30cm ☐

Width 15cm ☐

Tick which seed trays will fit on the shelf.
Give a reason for your answer. Use numbers to help you explain.

Reason ……

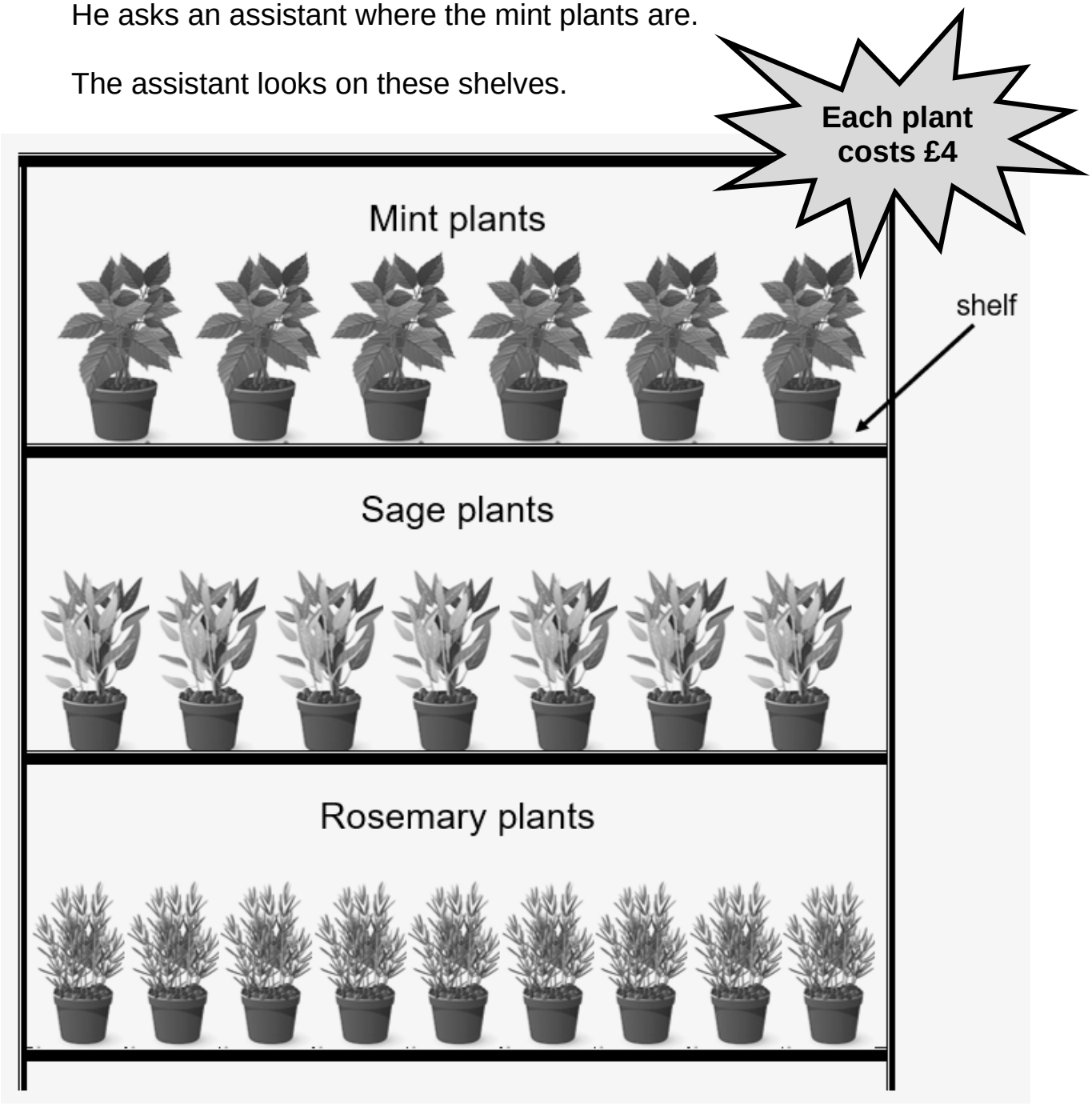
…… ……

……

3 marks

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

The assistant looks on these shelves.



a What does the assistant say?
Finish the sentence.

The sage plants are on the …… shelf.

1 mark

The customer has this amount of money

b How much money does he have?
Give units with your answer.

Show your working out.

Amount of money .....

2 marks

He buys 7 plants from the shelves.

c How much money will he have left?

Show your working out.

Amount left £ .....

2 marks

Q6 Another customer wants to buy this flower planter.

Flower planter

a What shape is the base of this planter?

.....

1 mark

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

…… **1 mark**

The price of the planter is £90.

The shop has this special offer.

c How much money will the customer get off the price of the planter today?

Show your working out.

£ ……

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	£6
B	50 litres	£8
C	125 litres	£10
D	120 litres	£11
E	25 litres	£7

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

Compost

Size ……litres Price £……...

2 marks

Q8 The supervisor receives a bonus payment on each day when the garden centre sells **more than 75** 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**
83	62	94	79	84	110	71
☐	☐	☐	☐	☐	☐	☐

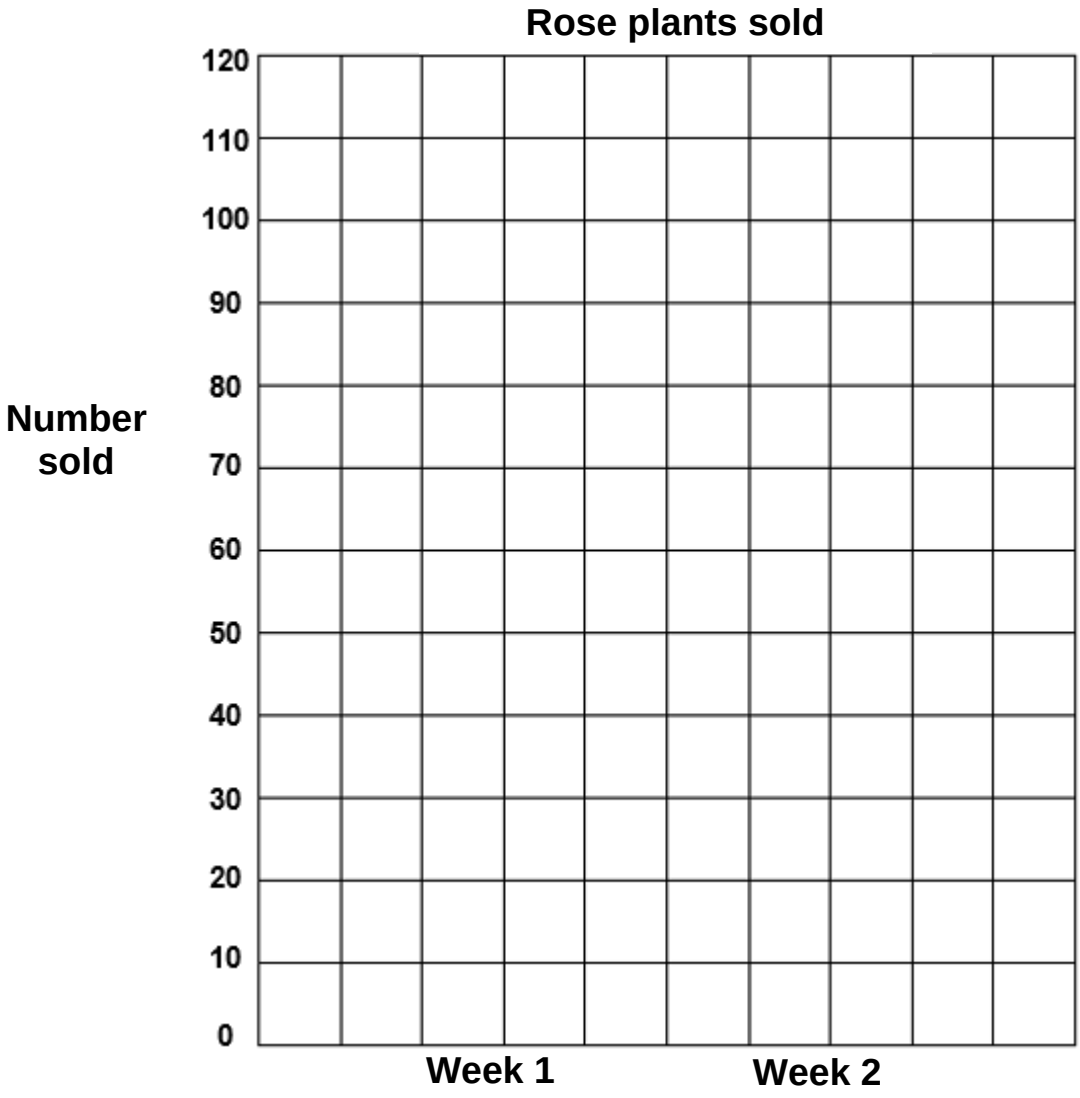
a Which days will the supervisor receive a bonus?
Tick the days.

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**.

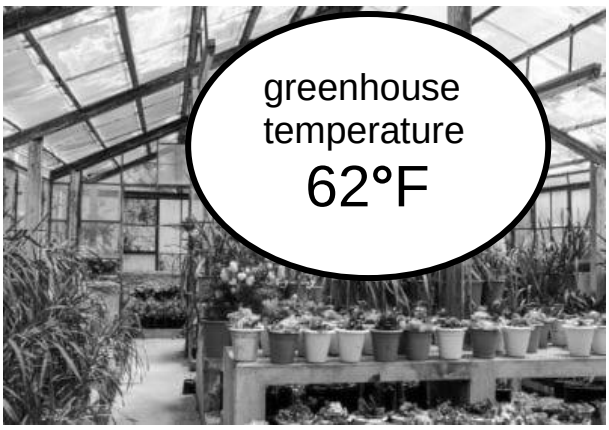
In **Week 1** the largest number sold on one day was 60.

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 many degrees hotter should the greenhouse be?

Show your working out.

.....°F hotter

2 marks

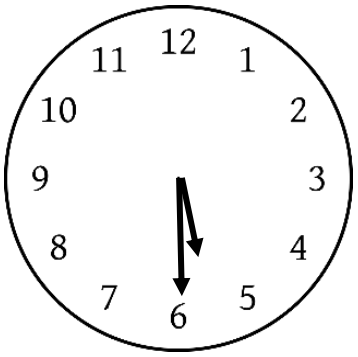
b Check your answer to a using approximation.

Write your check here.

1 mark

The gardener should finish his work shift at a quarter to 6.

He checks his watch.



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

Yes / No ……

I think my answer is correct because……...

……

…… **2 marks**

Total marks: 27

End of calculator paper

Published by City & Guilds
5-6 Giltspur Street
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