Functional Skills Mathematics (4748)
Entry 3 Sample Assessment

www.cityandguilds.com
March 2023
Version 1.0

Candidate's paper - Non-calculator

Floristry

Time allowed – 25 minutes

Marks: 10

Name: _____

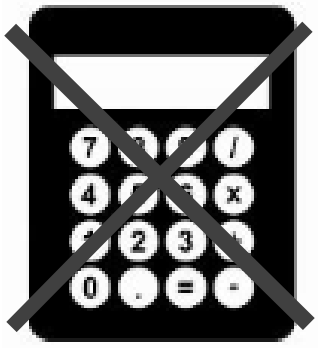
City & Guilds Enrolment Number: _____

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 **10** marks available.

You must **not** use a calculator.

Q1 Subtract **490 from 842**

…… **1 mark**

Q2 What is the next number in the sequence?

19 38 57 76 …… **1 mark**

Q3 Round **£24.36** to the nearest 10p

£…… **1 mark**

Q4 What time does the clock show?
Use **am** or **pm** in your answer.

morning

…… **1 mark**

Q5 Round 734 to the nearest ten

…… **1 mark**

Q6 Work out **67 x 7 =**

…… **1 mark**

Q7 Which of these is the highest number?
Tick your answer.

A	**B**	**C**	**D**
934.6	934.18	934.39	934.2
○	○	○	○

1 mark

Q8 A woman wants to mix some plant food.
The pack says mix with 1 litre of water.

Mark on the measuring jug how much water she needs.

1 mark

Q9 A florist uses patterned paper to wrap flowers.
He orders some rolls of paper.

Gold dot	263	rolls
Blue dot	546	rolls
Total	**809**	**rolls**

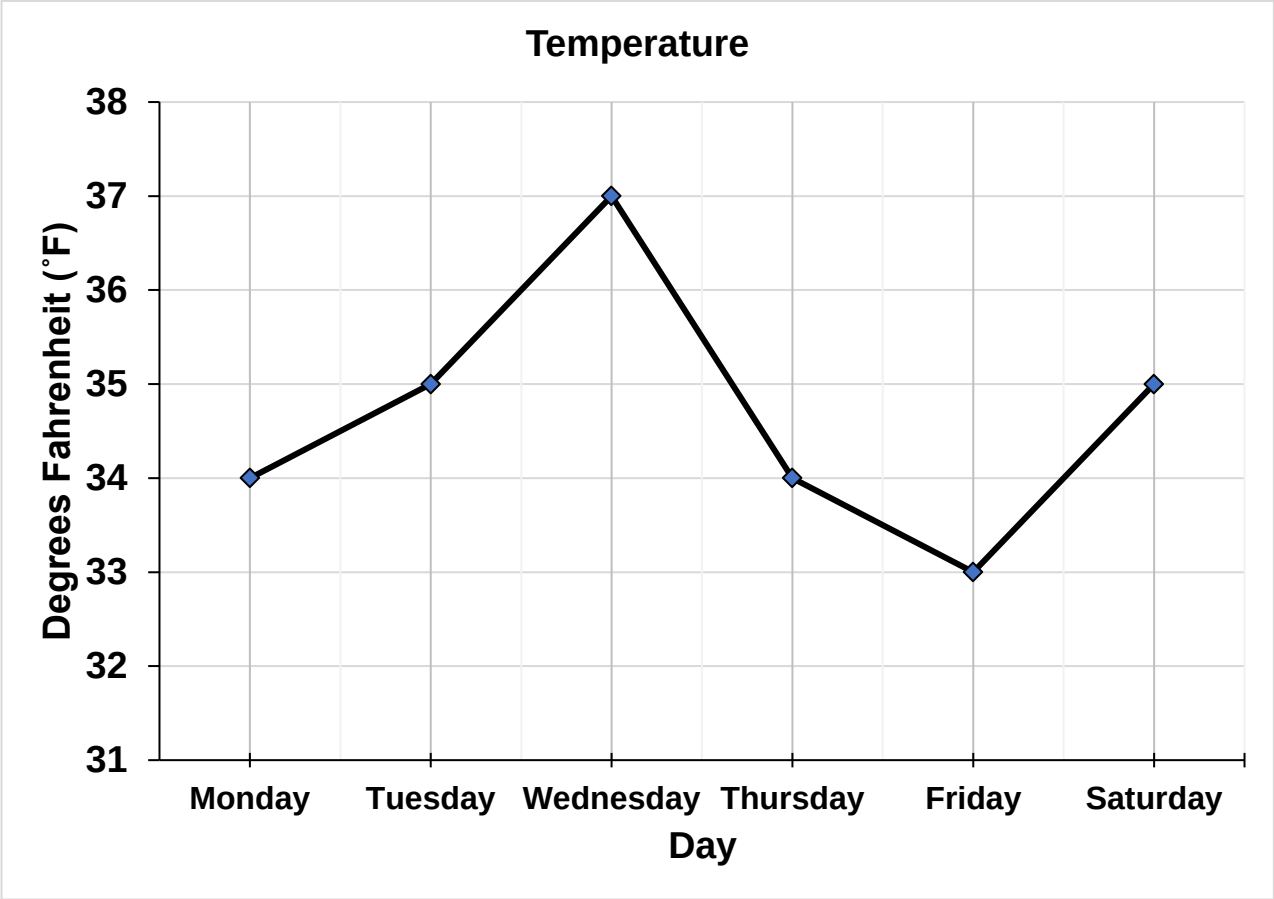
Use approximation to check his total.

Write your check here.

1 mark

Q10. The temperature in a flower cooler should be between 34 degrees and 36 degrees Fahrenheit (˚F).

This line graph shows the temperature of a flower cooler last week.



On which **two** days did the flower cooler **not** have the correct temperature?

…….. ……..

1 mark

Total marks: 10

End of non-calculator paper

This page is intentionally blank

Published by City & Guilds
5-6 Giltspur Street
London
EC1A 9DE
www.cityandguilds.com

City & Guilds is a registered charity established to promote education and training

Functional Skills Mathematics (4748)
Entry 3 Sample Assessment

www.cityandguilds.com
March 2023
Version 1.0

Candidate's paper - Calculator allowed

Floristry

Time allowed – 65 minutes

Marks: 30

Name: _____

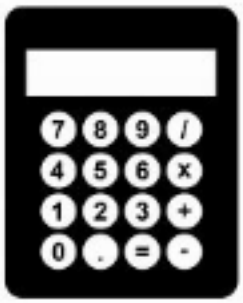
City & Guilds Enrolment Number: _____

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.

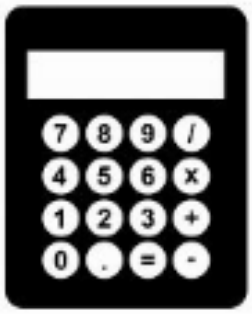
Candidate's signature _____

Date _____

Calculator paper

There are **30** marks available.

You may use a calculator.

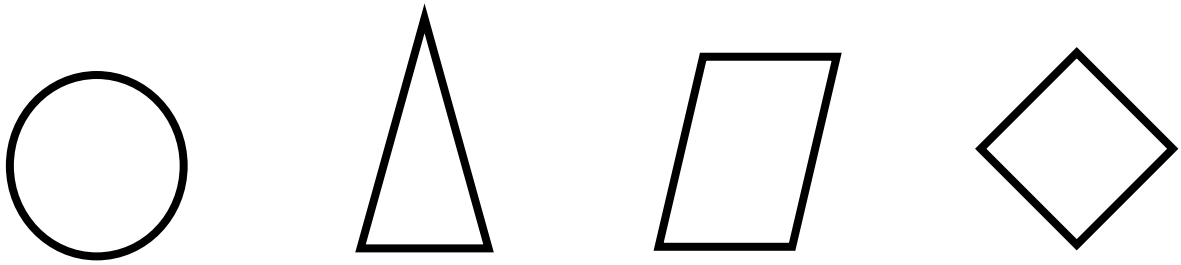


Q1 Work out **826 ÷ 14**

……

1 mark

Q2 Which of these shapes has only **one** line of symmetry?
Tick one.



A ○ **B** ○ **C** ○ **D** ○

1 mark

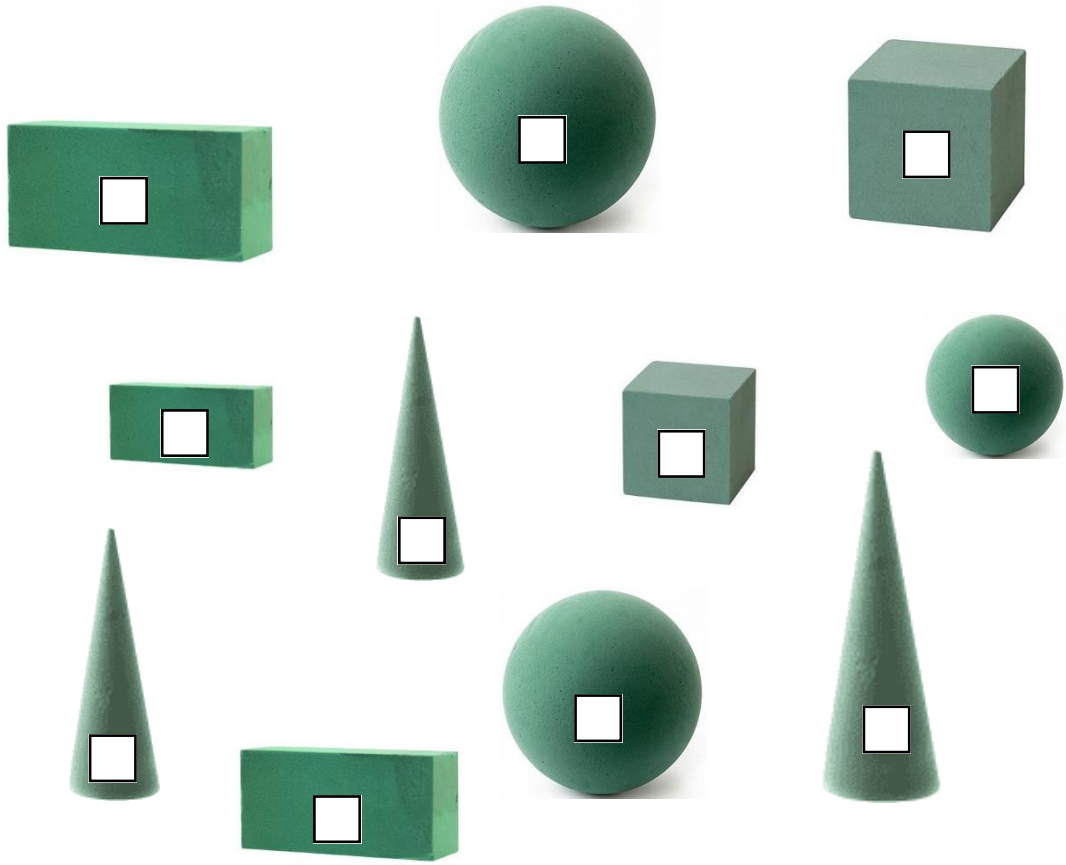
Q3 What is the next number in this sequence?

3.2 4.7 6.2 …… **1 mark**

Q4 Florists use foam blocks for flower arranging.

A floristry student plans to make a flower arrangement with foam blocks that **do not have right angles.**

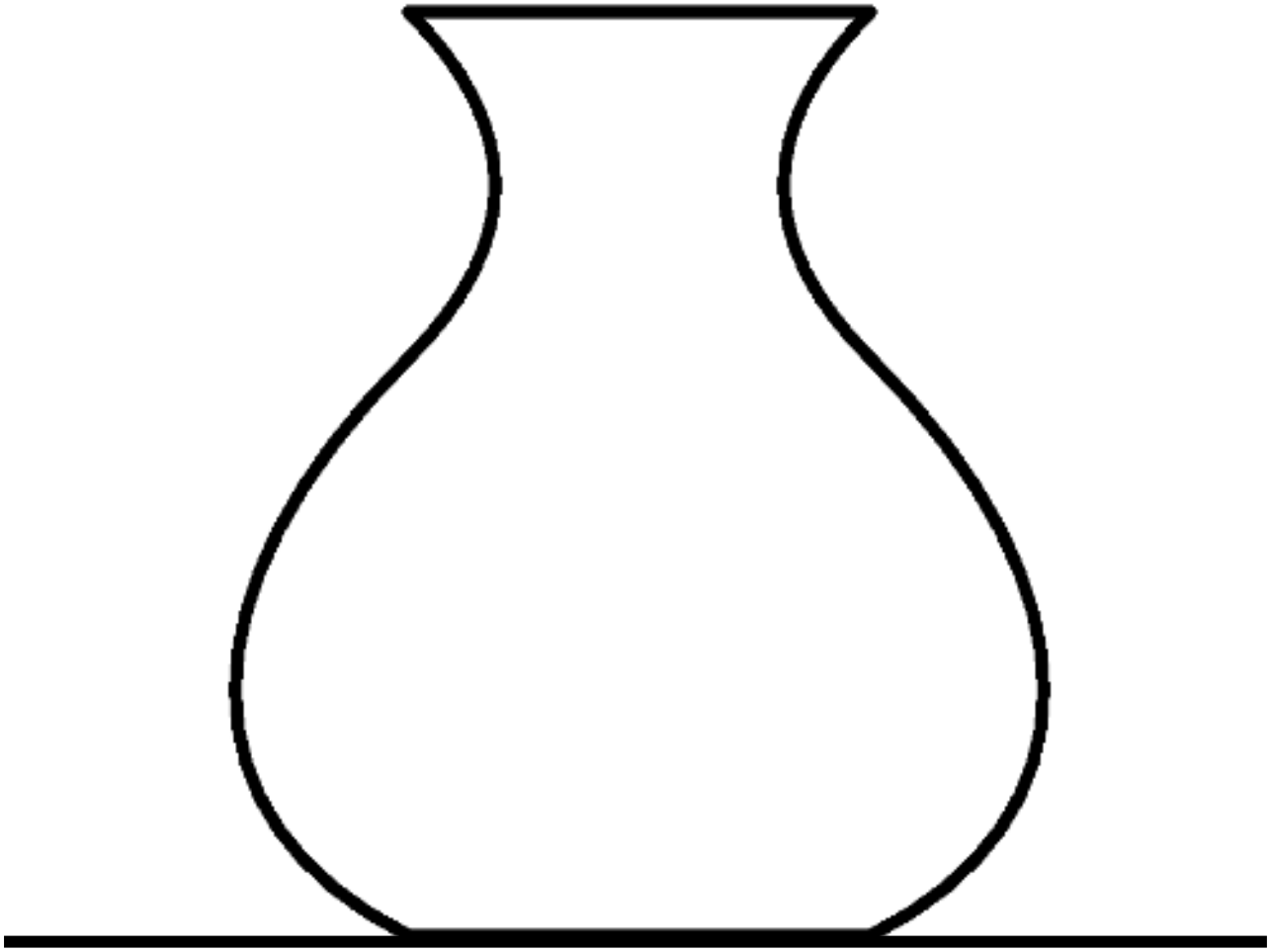
A website sells these foam blocks.



a Tick the foam blocks the student can use. **1 mark**

Another floristry student plans to make a flower arrangement in a vase.

He must fill the vase with water between
7 centimetres and 10 centimetres deep.



b Draw a line on the vase to show how **deep the water** must be. Label how deep the water is. Give units with your answer.

The measuring instrument I used was a ……

…… **3 marks**

Q5 A student wants to buy 14 roses.

Roses are 67p each.

a How much does the student pay?

Show your working out

Amount to pay £……

3 marks

Flower food helps to keep flowers stay fresh.

A shop sells flower food powder in different weights.

b Write these weights in the correct order starting with the **smallest** weight.

11 grams **9 kilograms** **1000 grams** **4 kilograms**

…… …….. …….. ……..

1 mark

Q6 Florist ribbon is sold in different widths.

A florist has a delivery of ribbon.

These are the widths she ordered.

24mm **1.6cm** **10.2cm** **63mm**

She puts the ribbon in a cupboard in order of size starting with the **widest**.

a In which order does she put the ribbon?

…… …… …… ……

1 mark

The florist wants to make some large bows.

Each bow needs a length of ribbon measuring 3 metres.

There are 250 metres of ribbon on one roll.

She asks a trainee to work out how many lengths of ribbon she can cut from one roll and how much ribbon will be left over.

b What does the trainee tell her?

Show your working out.

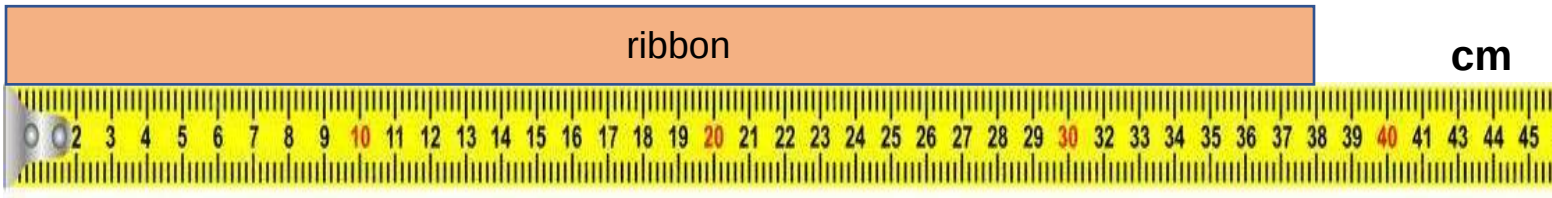
…… lengths of ribbon

Ribbon left over……m

2 marks

Another florist wants to make small bows for his floral display.

He needs to cut a piece of ribbon this length for each small bow.



c What length of ribbon does he need for a small bow?
Give units with your answer.

…… **2 marks**

Q7 A florist starts to complete a bill for a customer.

The labour charge is £72.00

This is part of the bill.

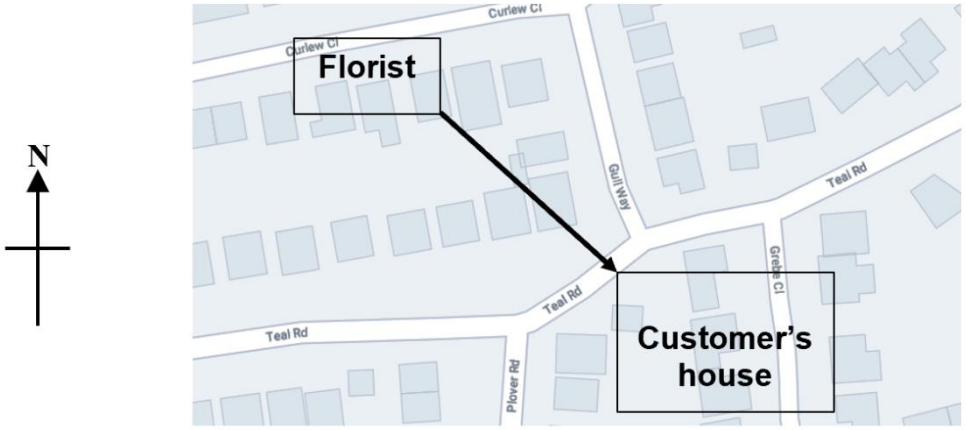
Flowers	**£375.42**
Labour charge	**£**
Delivery charge	**£35.00**
Total cost	**£**

a Complete the bill.

Space for working out.

1 mark

b The delivery driver needs to take the flowers to the customer's house.

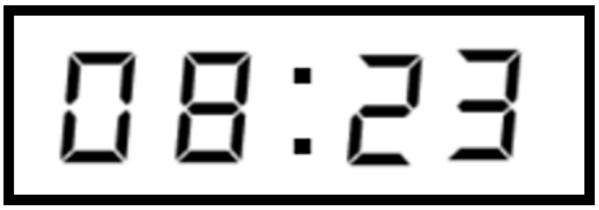


In which direction is the customer's house?

…… **1 mark**

The journey to the customer's house will take 45 minutes.

The clock shows the time when the driver sets off in the morning.



She thinks she will arrive by 9 o'clock.

c Is the delivery driver correct?
Give a reason for your answer. Use am or pm.

Show your working out.

Is the delivery driver right? Yes/No……..

Reason: ……

……

…… **2 marks**

Q8 A florist offers a same day delivery service for orders made in the morning.

The manager keeps a **record** of different types of flower arrangements **ordered in the morning.**

She makes this tally chart.

Type of flower arrangement		Tally	Total
	Vase	𝍸 𝍸 𝍸 IIII	**19**
	Bouquet	𝍸 𝍸 𝍸	
	Posy	𝍸 𝍸 III	

a Complete the totals in the chart.

2 marks

She wants to know the flower arrangement with the most orders.

b What do you tell her?

…….

1 mark

The florist had some more orders in the **afternoon**.

These are the number of orders in the afternoon.

Type of flower arrangement	Numbers of orders in the afternoon
Vase	9
Bouquet	11
Posy	12

The manager thinks the Posy flower arrangement has had the most **total** orders at the **end of the day**.

c Is she right?
Give a reason for your answer. Use numbers to help you.

Show your working out.

Is the manager right? Yes/No ……

Reason: ……..

……..

……..

2 marks

Q9 A student needs to work out the cost to make a floral arrangement for a customer. He has to **add** a labour charge to the cost.

The labour charge is **one quarter** of the cost of the materials for the flower arrangement.

The cost of the materials for the floral arrangement is £132

How much does he charge the customer?

Show your working out.

£……

2 marks

Q10 The manager of a florist shop needs to draw a bar chart to show how many gifts they sold last month.

Balloons	**400 sold**
Chocolates	**350 sold**
Soft toys	**250 sold**

Draw a bar chart to show this information.

Put labels on your chart.

3 marks

Total marks: 30

End of calculator paper

This page is intentionally blank

Published by City & Guilds
5-6 Giltspur Street
London
EC1A 9DE
www.cityandguilds.com

City & Guilds is a registered charity established to promote education and training