Functional Skills Mathematics (4748)
Entry 2 Sample Assessment

www.cityandguilds.com
July 2022
Version 1.0

Candidate's paper – Non-calculator
Holidays

Time allowed – 25 minutes

Marks: 9

Name: _____

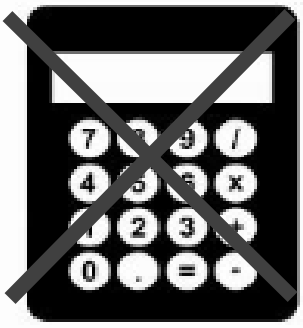
City & Guilds Enrolment Number: _____

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 64 divided by 8?

…… **1 mark**

Q2 What number comes next in this list?

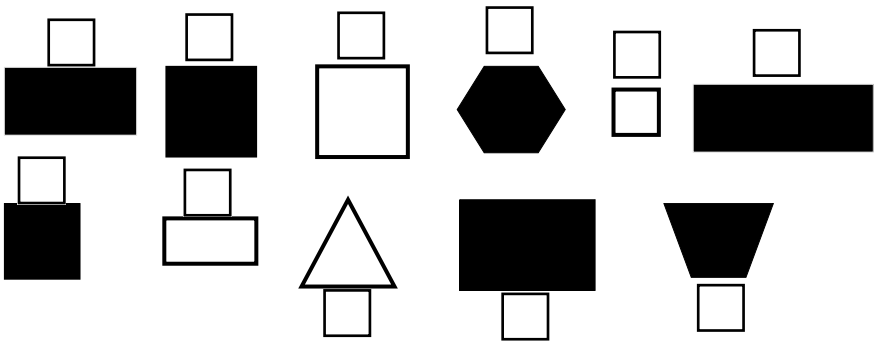
82 84 86 88 ……

1 mark

Q3 How many weeks are there in a year?

…… **1 mark**

Q4



1 mark

Tick all the **black rectangles**.

Q5 A flight attendant does this calculation.

77	+	**49**	+	**62**	=	**188**

Round the numbers the flight attendant added to the nearest 10 to check the answer is about right.

	+		+		=	

1 mark

Q6 Count these crosses.

X X X X X X X X X X

X X X X X X X X X X

X X X X X X X X X X

X X X X X X X X X X

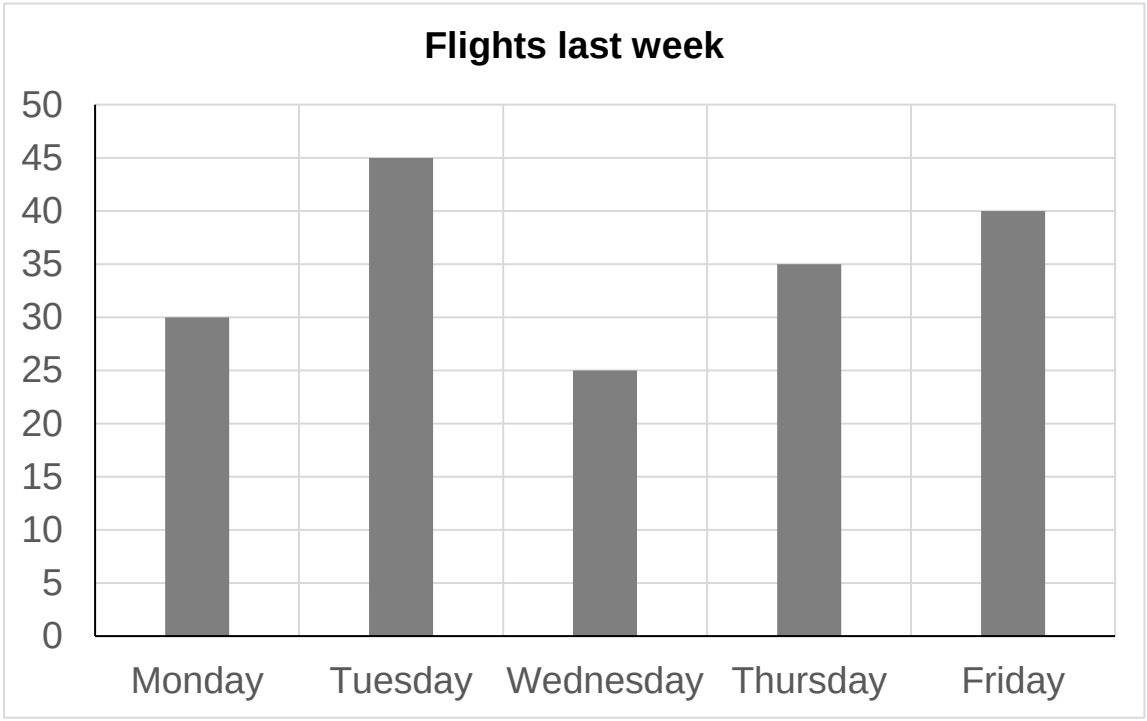
X X X X X X X X

How many crosses (X) are there?

1 mark

……

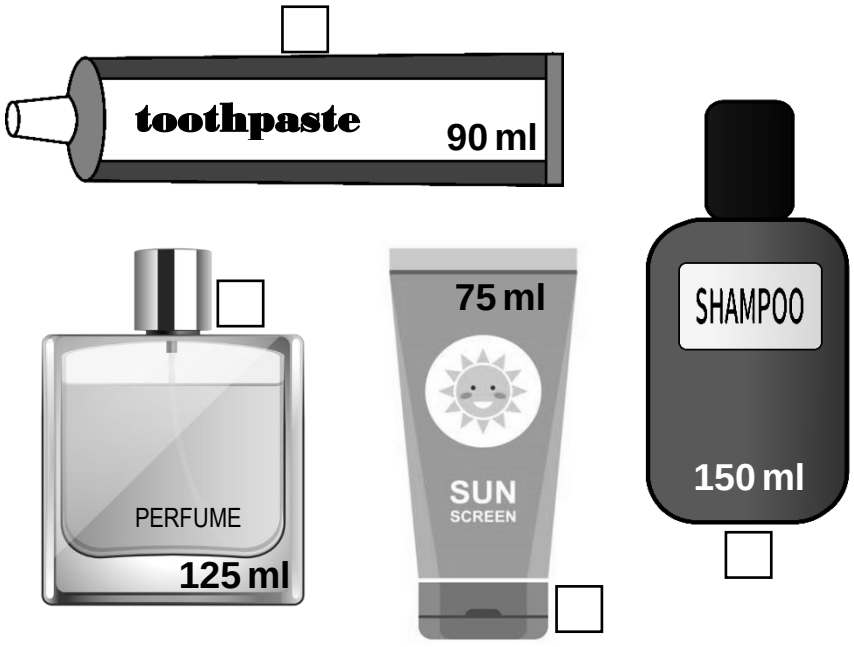
Q7 This bar chart shows the number of flights from an airport last week.



Which day had the largest number of flights?

…… **1 mark**

Q8 A passenger can only take things on a plane which are less than 100ml.



Tick all of the things the passenger can take on the plane. **1 mark**

Q9 A man lives 20 kilometres from work.

He works 6.5 kilometres from the airport.

He drives from his house to work. Then he drives to the airport.

How far does the man drive **in total**?

…… **kilometres**

1 mark

Total marks: 9

End of non-calculator paper

Functional Skills Mathematics (4748) Entry 2 Sample Assessment

www.cityandguilds.com
July 2022
Version 1.0

Candidate's paper – Calculator allowed
Holidays

Time allowed – 65 minutes

Marks: 27

Name: _____

City & Guilds Enrolment Number: _____

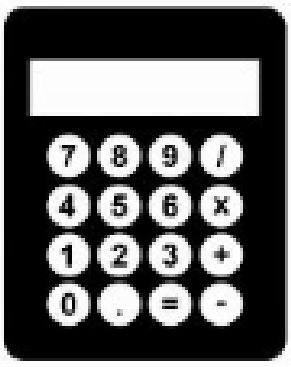
Date of registration: _____

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.

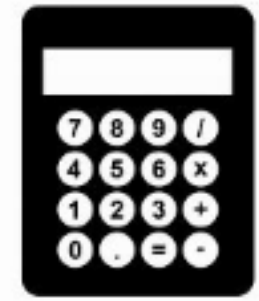
Candidate's signature _____

Date _____

Calculator paper

There are **27** marks available.

You may use a calculator.



Q1

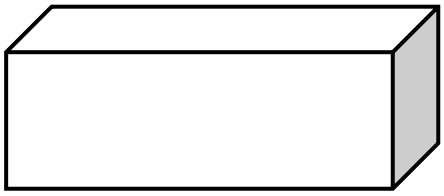
90		**30**	=	**60**

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

=	+	–	x	÷

1 mark

Q2

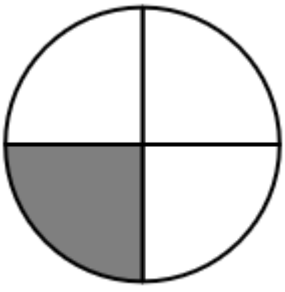


How many edges does a cuboid have?
Tick one box

A	3	☐
B	6	☐
C	9	☐
D	12	☐

1 mark

Q3



What fraction of the circle is coloured in grey?

…… **1 mark**

Q4 The weather forecast for the **UK** next week is **20°C** every day.
Here is the weather forecast for Spain next week.

Weather forecast for Spain						
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
☐ 24°C	☐ 23°C	☐ 19°C	☐ 18°C	☐ 22°C	☐ 25°C	☐ 28°C

a Which days will be warmer in Spain than in the UK?
Tick all those days.

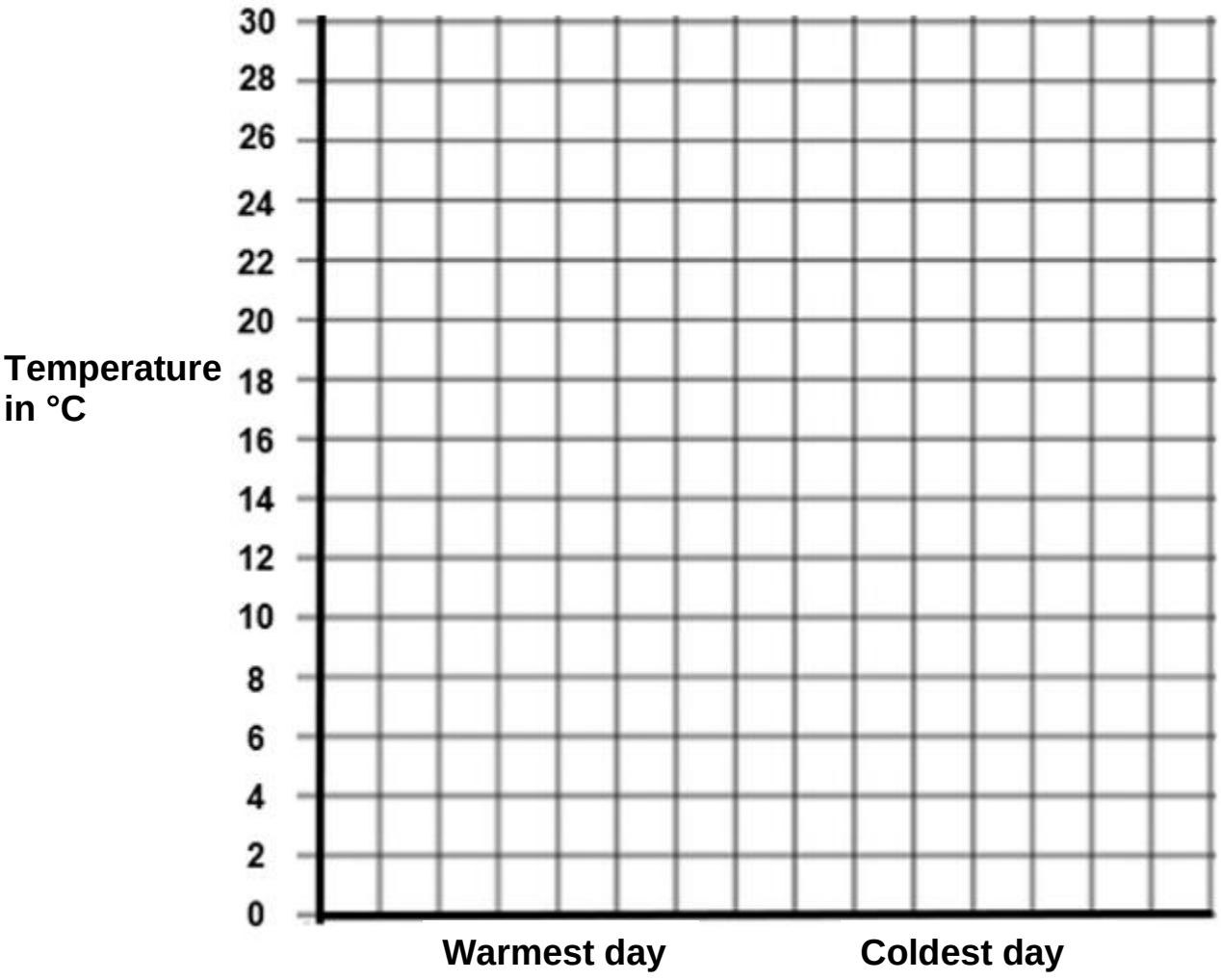
2 marks

b A travel agent needs a chart to show the temperatures of the warmest day and coldest day in Spain next week.

Draw **two** bars to finish the bar chart.

4 marks

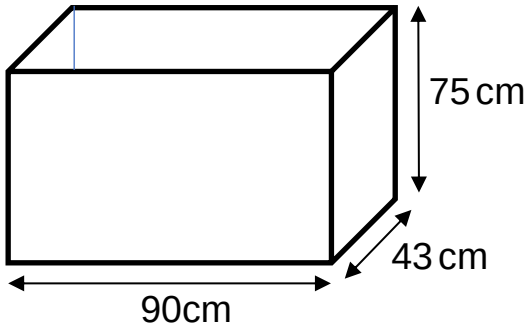
Temperature in Spain next week



Q5 This diagram shows the maximum measurements for hand luggage that you are allowed to check-in on a plane.

It is a box, shaped like a cuboid, with sides and a base, but no top.

Check-in luggage
measurements allowed



a What shape is the base of the box?

..... **1 mark**

b What is the length of the **shortest** side?
Give units with your answer.

..... **1 mark**

Q6 A man looks at goods in the airport shop.

A case is in a sale.
In the sale, all cases are half the price shown.

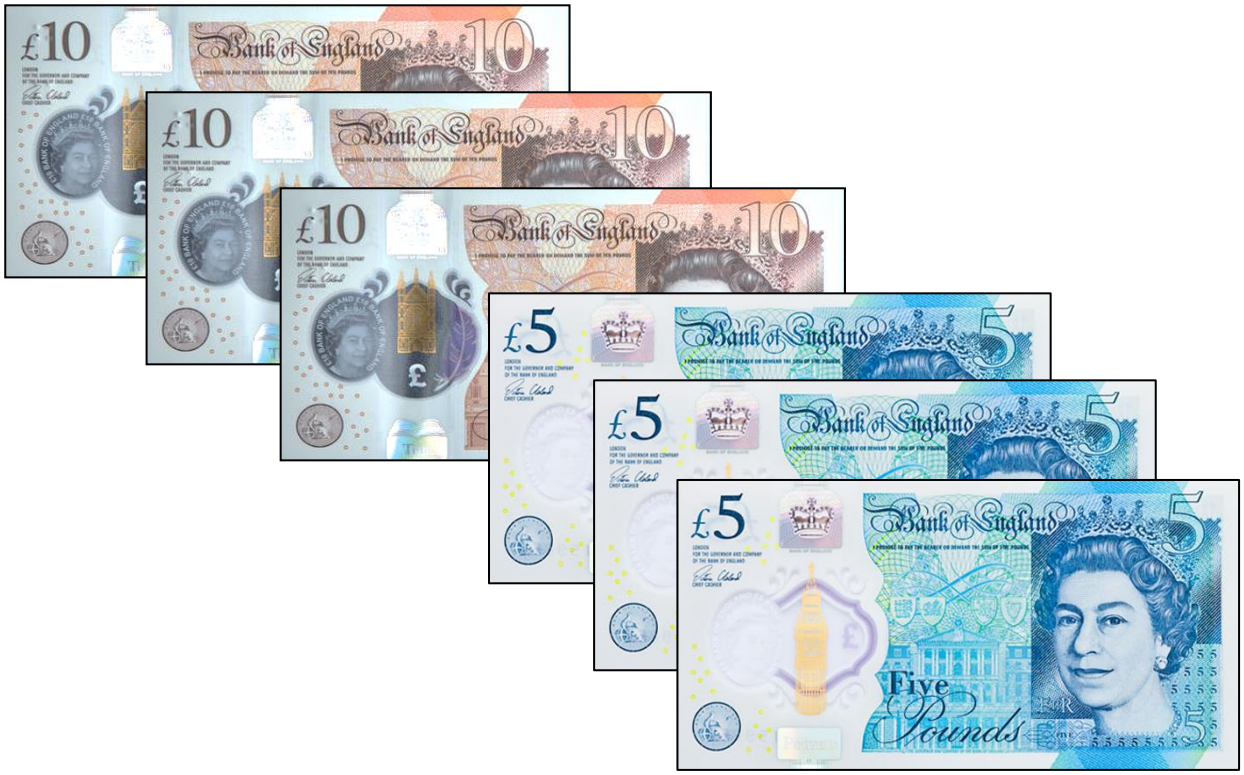
a What is the price of the case in the sale?

Show your working out.

Sale price £ .....

2 marks

The man has these notes.



b How much money does he have?

Show your working out.

Amount of money £ .....

2 marks

c The man buys a bag and a wallet.
This bag costs £25 and the wallet costs £8.

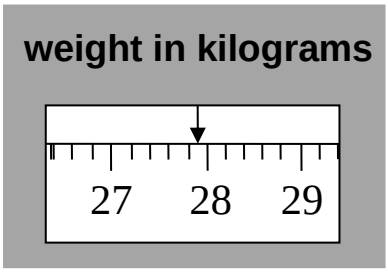
How much money will he have left?
Give units with your answer.

Show your working out.

Money left .....

3 marks

Q7 A passenger checks the weight of her suitcase.



a What is the weight of the passenger's suitcase to the nearest kilogram?

..... **kg** **1 mark**

This table shows how much it costs to take a suitcase on a plane.

Weight of suitcase	Cost
less than 10 kg	£10
10 kg to 20 kg	£20
over 20 kg to 30 kg	£30
over 30 kg	£40

b How much will it cost to take the suitcase on the plane?
Give a reason for your answer. Use numbers to help you.

Cost £ .....

Reason .....

.....

.....

2 marks

Q8 A passenger's flight leaves at **one o'clock**.
He checks his watch.

a Has his plane left?
Give a reason for your answer. Use the clock time to help you.

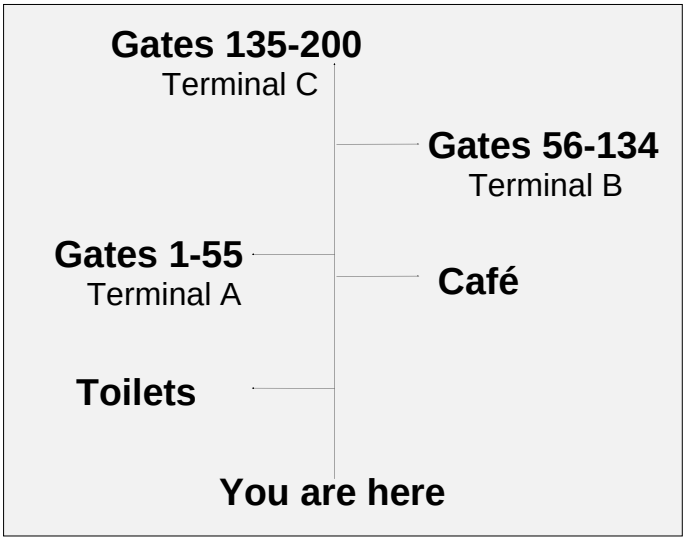
Yes/No ……

Reason……

……

1 mark

His flight leaves from Gate 128. This sign shows the Gates at the airport.



b In which terminal is **Gate 128**?

Terminal…… **1 mark**

c Write down how to get to **Gate 128**.

……..

……..

…….. **1 mark**

Q9 A customer wants to know the cost to fly to Glasgow.
She finds these ticket prices on an airline's website.

Ticket prices	
8am flight	£76
2pm flight	£85
10pm flight	£79

Extras
Choose seat, Board first, One extra bag All £15 **each**

The customer wants the **cheapest** priced ticket.
She wants to choose her seat, board first and take an extra bag.

a How much will the customer pay?

Show your working out.

Amount to pay £ .....

2 marks

The woman thinks it is cheaper to travel by train. She finds these prices

Train prices to:	
Dundee	**£188**
Edinburgh	**£182**
Glasgow	**£158**

b Is the woman correct?
Give a reason for your answer. Use numbers to help you explain.

Yes/No ……

Reason……

……

1 mark

Total marks: 27

End of calculator paper

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