

Functional Skills Mathematics (4748) Entry 1 Sample Assessment



www.cityandguilds.com
March 2023
Version 1.0

Candidate's paper - Non-calculator

Garage Services

Time allowed – 25 minutes

Marks: 8

Name: _____

City & Guilds Enrolment Number: _____

Date of registration: _____

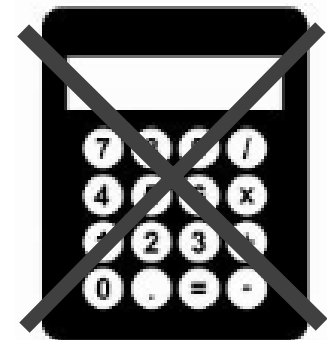
Date of assessment: _____

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.

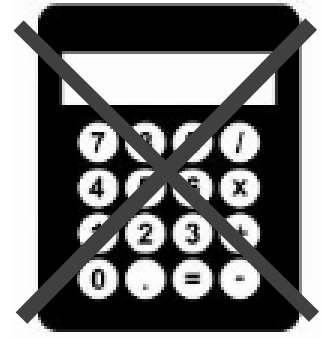
Candidate's signature _____

Date _____

Non-calculator paper

There are **8** marks available.

You must **not** use a calculator.



Q1

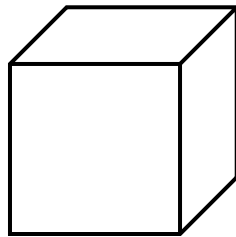
Work out $18 - 5 =$

.....

1 mark

Q2

What is the name of this shape?



.....

1 mark

Q3 17 litres is 19 litres.

Choose the correct words to finish the sentence.
Tick one.

- A the same as
- B more than
- C less than
- D heavier than

1 mark

Q4

What is the name of this coin?



..... **1 mark**

Q5

How many sponges are on the stock list?

Stock List
15 tins of polish
18 bottles of shampoo
9 buckets
12 sponges
13 packets of wipes

.....**sponges** **1 mark**

Q6 A woman pays for her petrol with a £20 note.
The petrol costs £14

This is how she works out how much change she should get.

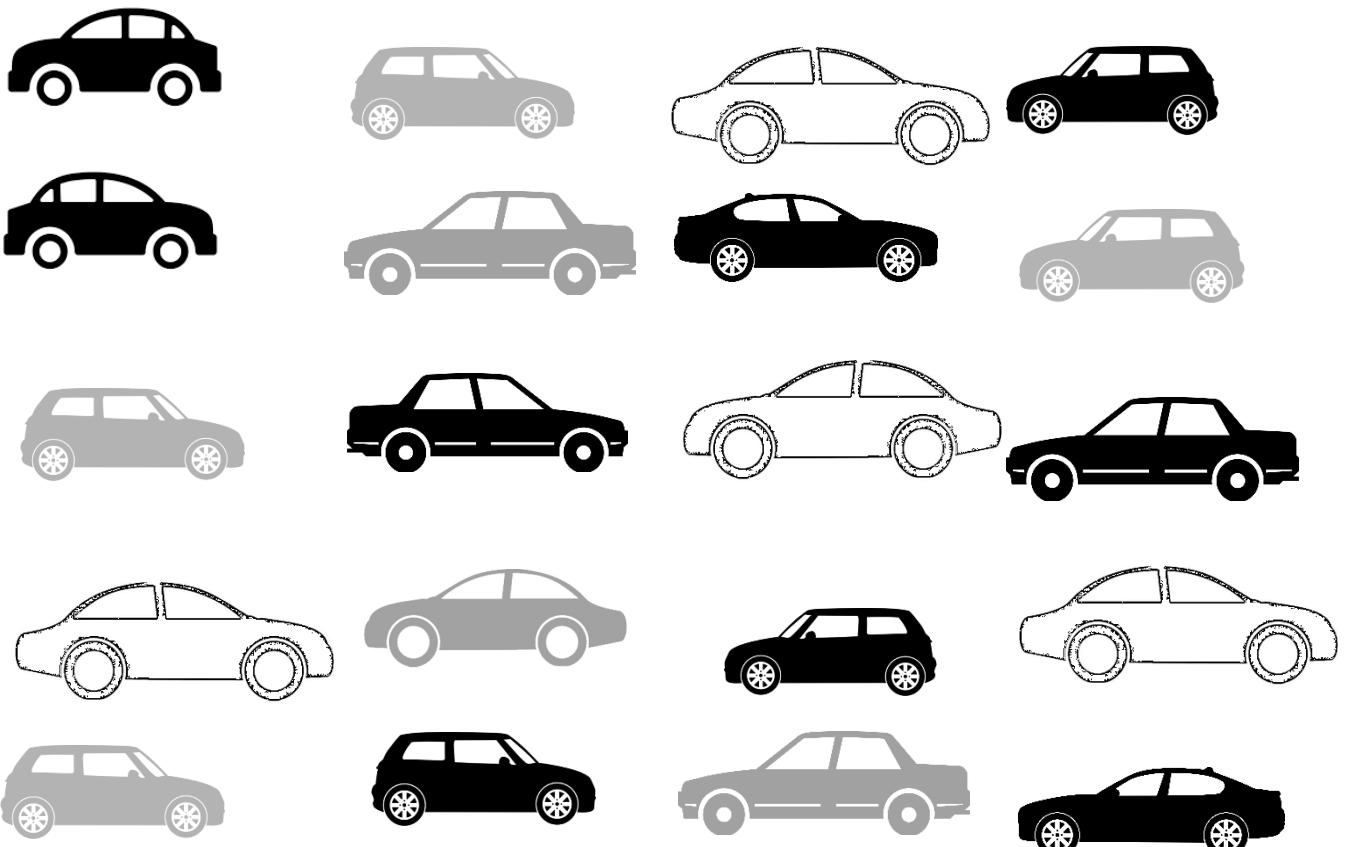
$$\text{£}20 - \text{£}14 = \text{£}6$$

Show how the woman can check her answer.

Show your check here.

1 mark

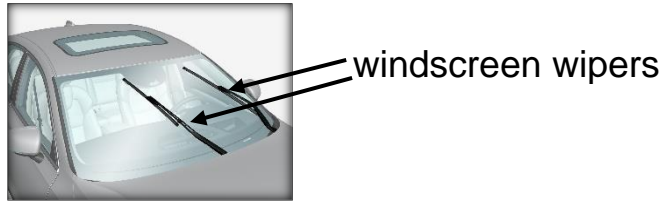
Q7 The owner of a car showroom wants to move all the **black** cars to the front of the display.



Show which cars he will move to the front of the display.
Tick them.

1 mark

Q8 A customer needs new windscreen wipers for her car.



Wipers are sold in different lengths.

A garage orders the **longest** wipers for the customer.

A
14 inches



B
20 inches



C
16 inches



D
18 inches



Which wipers will the garage order?
Tick one.

Wipers A

Wipers B

Wipers C

Wipers D

1 mark

Total marks: 8

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 1 Sample Assessment

Candidate's paper - Calculator allowed

Garage Services

Time allowed – 65 minutes

Marks: 24

Name: _____

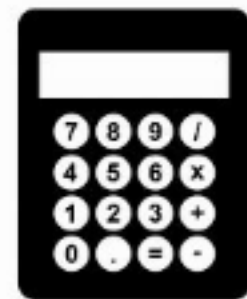
City & Guilds Enrolment Number: _____

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 **24** marks available.

You may use a calculator.



Q1

Write the **seasons of the year** in the correct order.
Start with **autumn**.

.....

1 mark

Q2

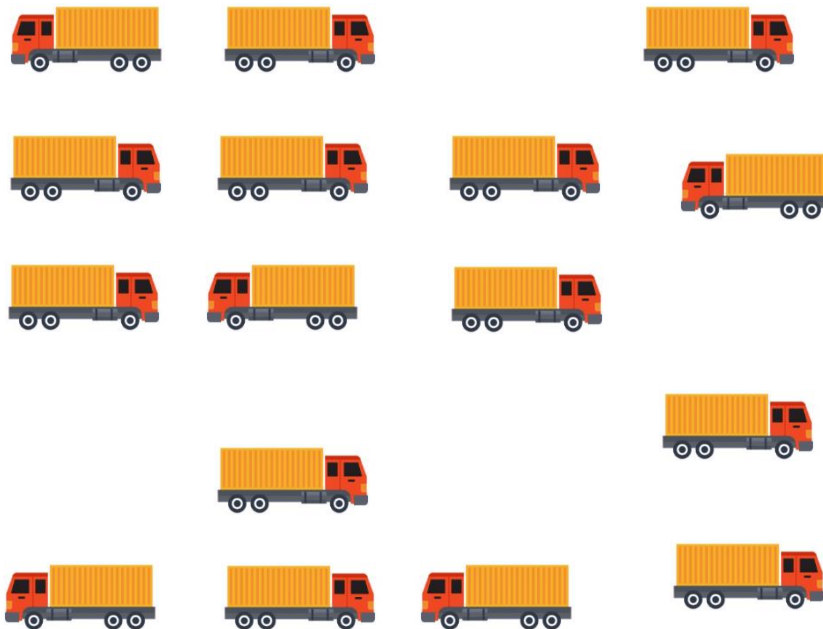
What is the name of this shape?



.....

1 mark

Q3 Count these lorries.



How many lorries are there?

..... lorries

1 mark

Q4 A mechanic keeps a record of the different services carried out in the garage workshop each week.

He starts to draw a tally chart to show the numbers of services carried out.

MOT test	repair	MOT test	oil change	MOT test
oil change	MOT test	repair	MOT test	oil change
MOT test	repair	repair	MOT test	repair
oil change	repair	MOT test	repair	MOT test
MOT test	MOT test	oil change	repair	oil change
repair	repair	oil change	MOT test	oil change
repair	MOT test	repair	repair	oil change
MOT test	oil change	MOT test	repair	MOT test

a

Complete the tally chart to show the number of repairs carried out.

Service	Tally
Oil change	
MOT test	
Repair	

2 marks

b

The manager of the garage wants to know the number of repairs carried out.

What number does the mechanic tell him?

.....

1 mark

The manager also wants to know how many more MOT tests were carried out than oil changes.

c What does the mechanic tell him?

Space for working

..... **more MOT tests**

2 marks

Q5 A customer will pay the bill for her car repair in **three payments**
 She will make a payment of £16 each month.
 Her first payment was in **April**.

a In which months will she make **the next payments?**

.....

1 mark

She pays the next payment of £16 with these notes.



The garage owner gives her these coins in change.



b Did the garage owner give her the correct change?
 Use a calculation to show how you got your answer.

Yes/No

Write your calculation here.

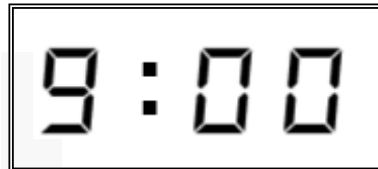
3 marks

Q6 A man takes this minibus to a garage for a MOT test.



The mechanic tells him the minibus will be ready in **one hour**.

The man checks the time on his watch.



a

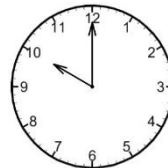
Which clock shows when the minibus will be ready?
Tick one.



A



B



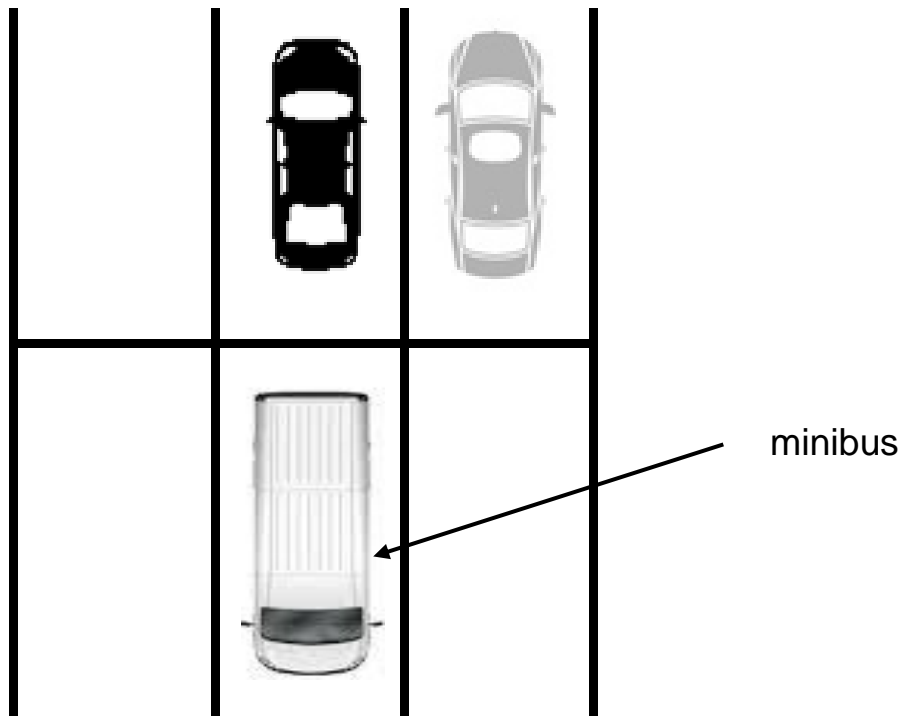
C



D

1 mark

The mechanic puts the minibus in the garage car park after he finishes the MOT test.



b

Use the diagram of the car park to finish this sentence.

The minibus isthe black car.

1 mark

Q7 A woman needs to hire a car for **four days**.

She will pick up the car on Tuesday morning.

a On which days will she have the car?

.....

2 marks

She needs to buy **15 litres** of petrol.

She goes to a petrol station.

On the petrol pump she can **press the buttons 10 and 1** to set the exact number of litres she needs.

b Which of these groups of buttons will she press?
Tick one.

A 10 1 1 1 1

B 10 10

C 10 1 1 1 1 1 1

D 10 1 1 1 1 1

1 mark

She decides to check the air in the tyres.

She needs to put some air in one of the tyres.

She has to pay for the air.

She has this amount of money.



This information is on the pump.

10p buys one minute of air

c

Does she have enough money to buy two minutes of air?
Give a reason for your answer.

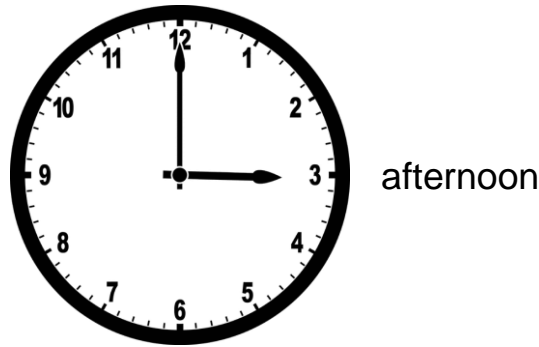
Yes/No

Reason
.....
.....

2 marks

She had to return the car **before** 6 o'clock in the evening.

She returned the car in the afternoon at this time.



d Did she return the car on time?

Yes/No because she returned the car at

1 mark

Q8 A man needs to wash his van.
He takes it to the car wash.

He has a **large van**.
Below is the price list.

Price list	
Van size	Cost
Small	£15
Medium	£16
Large	£18

a What is the cost to wash his van?

.....

1 mark

The man pays with this note.



b How much change will he get? **Put units on your answer.**

Show your working out.

..... change

3 marks

Total marks: 24

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