Functional Skills Mathematics (4748)
Entry 3 Sample Assessment

www.cityandguilds.com
April 2020
Version 1.0

Candidate's paper - Non-calculator

Community Events

Time allowed – 25 minutes

Marks: 10

Name: _____

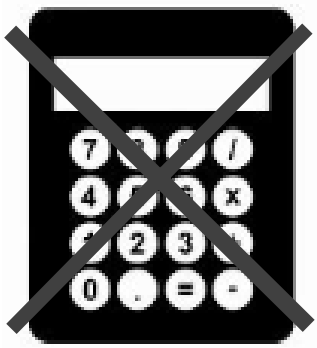
City & Guilds Enrolment Number: _____

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 What is the next number in this sequence?

14 32 50 68 ……. **1 mark**

Q2 What is **839** rounded to the nearest 100?

…… **1 mark**

Q3 Write **nine hundred and seven** in figures.

…… **1 mark**

Q4 Which of these is the **highest** number?

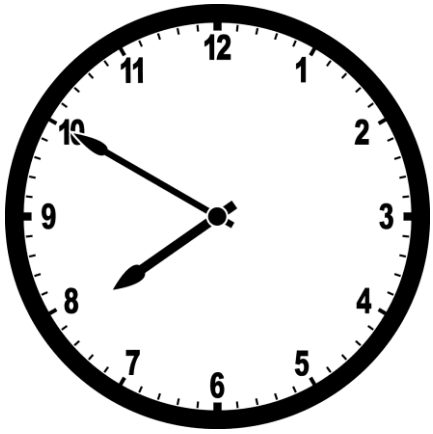
390.40 389.77 389.90 390.25

…… **1 mark**

Q5 Subtract **368** from **896**

…… **1 mark**

Q6



evening

What time does the clock show?

…… **1 mark**

Q7

Which one of these measuring instruments is **best** to measure 100g sugar?
Tick one.

A

B

C

D

1 mark

Q8 At a charity Fun Race event four friends finished the race in the following times.

Friend A	1 hour 10 minutes	☐
Friend B	59 minutes	☐
Friend C	1 hour 6 minutes	☐
Friend D	56 minutes	☐

Who had the fastest time?
Tick one.

1 mark

Q9 An organiser keeps a record of the different types of community events that took place over the summer.

She started to put this information into a frequency table to report at a meeting.

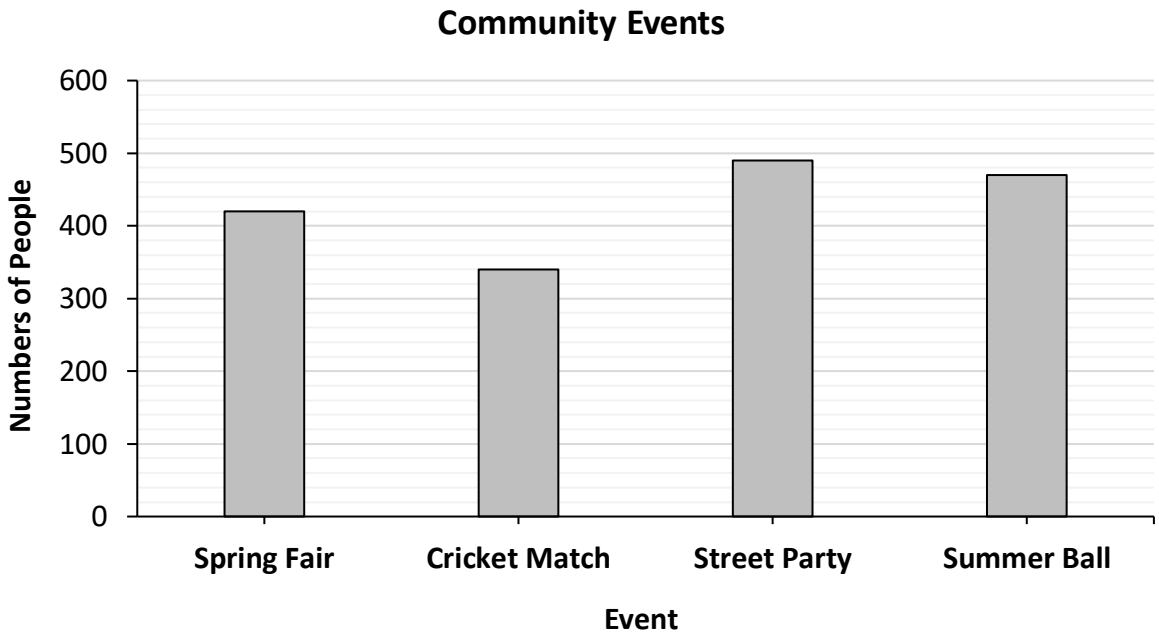
Fun Fair	Marathon	Quiz	Marathon	Fun Fair
Quiz	Street Party	Fun Fair	Quiz	Quiz
Talent Show	Quiz	Street Party	Talent Show	Marathon
Fun Fair	Talent Show	Quiz	Fun Fair	Street Party
Street Party	Marathon	Talent Show	Quiz	Fun Fair

Community Event	Frequency
Fun Fair	6
Marathon	4
Street Party	4
Quiz	
Talent Show	

Complete the frequency table.

1 mark

Q10 This chart shows the numbers of people attending different community events last year.



Which **two** events had the **highest** number of people attending?

…… ……..

1 mark

Total marks: 10

End of non-calculator paper.

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
April 2020
Version 1.0

Candidate's paper – Calculator allowed

Community Events

Time allowed – 65 minutes

Marks: 30

Name: _____

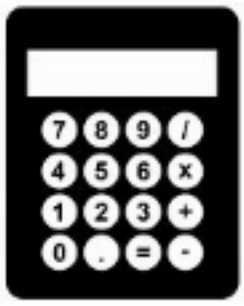
City & Guilds Enrolment Number: _____

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.

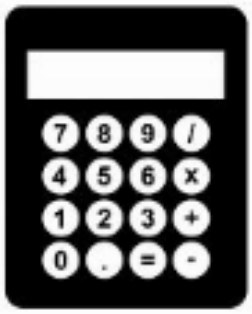
Candidate's signature _____

Date _____

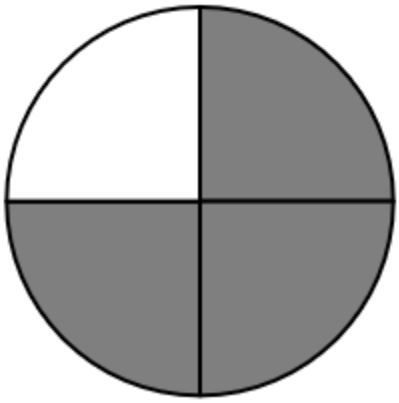
Calculator paper

There are **30** marks available.

You may use a calculator.



Q1 What fraction of this shape is shaded?



……..…… **1 mark**

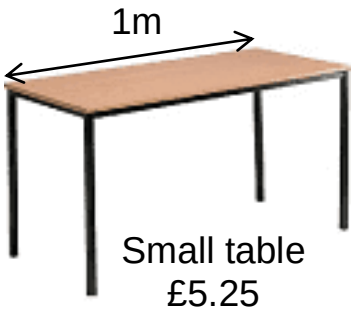
Q2 What is the next number in this sequence?

2.4 3.5 4.6 5.7 ……. **1 mark**

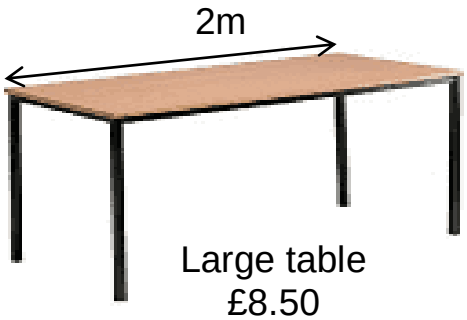
Q3 What is £108.72 rounded to the nearest pound?

……..…… **1 mark**

Q4 A youth club plans to hold a Charity Sale.
People hire tables to sell things from.
The youth club has these different size tables.



Small table
£5.25



Large table
£8.50

A man wants to hire tables to cover a length of **4 metres**.

Which tables would be **cheapest** for him to hire?
Give a reason for your answer. Use numbers to help you explain.

Show your working out.

Tables chosen …… and

Total cost £……

Reason

4 marks

Q5 A playgroup plans to hold a Coffee Morning to raise money.
The play leader needs to buy more cups, sugar and milk.

She says we need 200 cups.
They have these cups.

a How many more cups do they need?

Space for working out.

……. cups

2 marks

She needs to work out how many bags of sugar she needs for 200 cups.
She allows **one spoonful of sugar** for each cup.

one spoonful of sugar weighs 4 grams

b How many bags of sugar should the play leader buy?

Show your working out.

…… bags

3 marks

The play leader works out she needs 850ml of milk.

c Which size milk should she buy? **Tick one.** **1 mark**

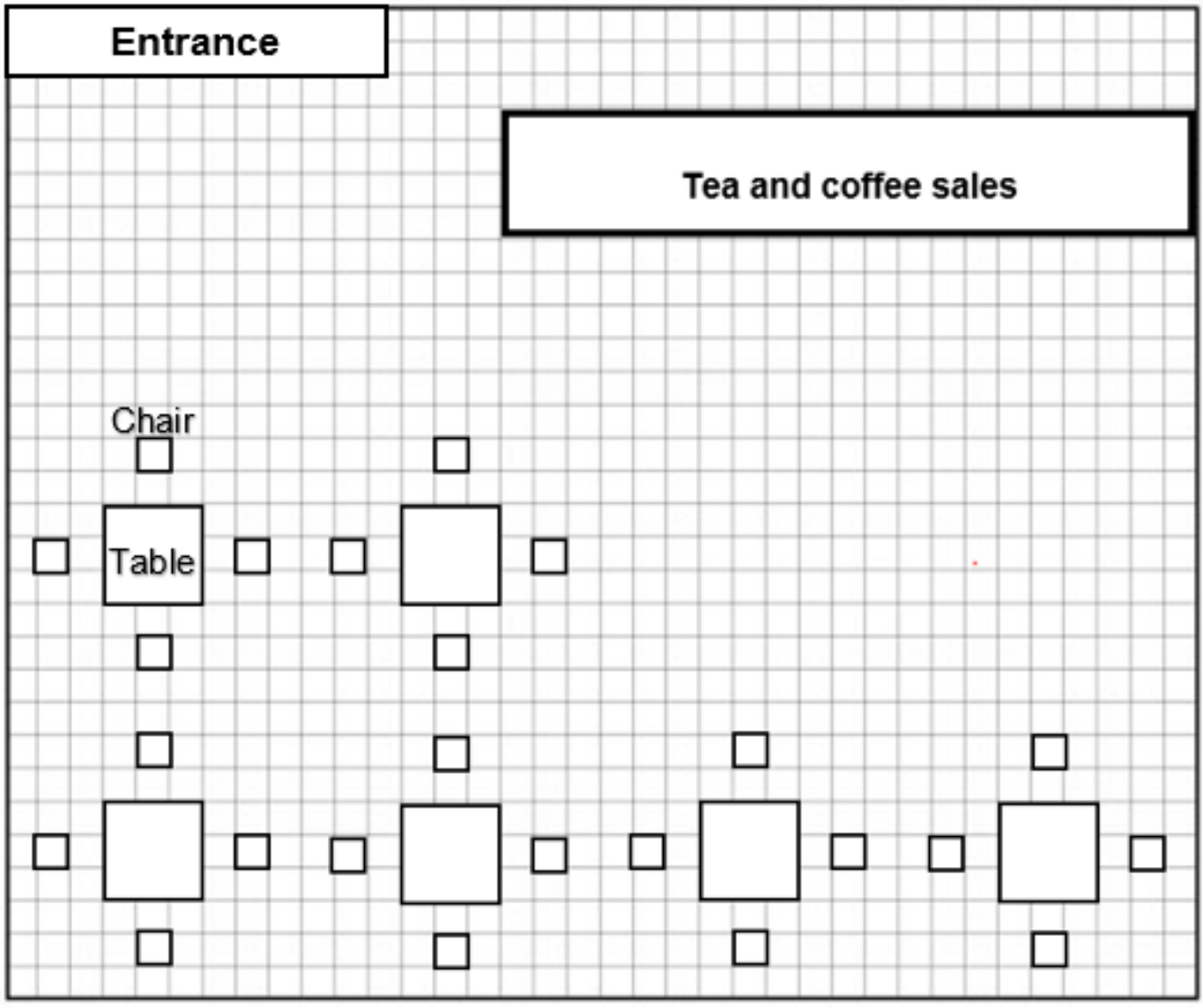
Q6 There will be Afternoon Tea at the community centre.
The organiser needs to set up the room.

He starts to draw a plan to show where he wants the tables and chairs to go.

He needs **two more tables and eight chairs.**

They need to be the same size and the same distance apart as the others.

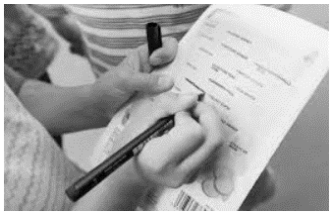
Plan of the room



a Complete the plan to show where the tables and chairs will go.
Put labels on your diagram.

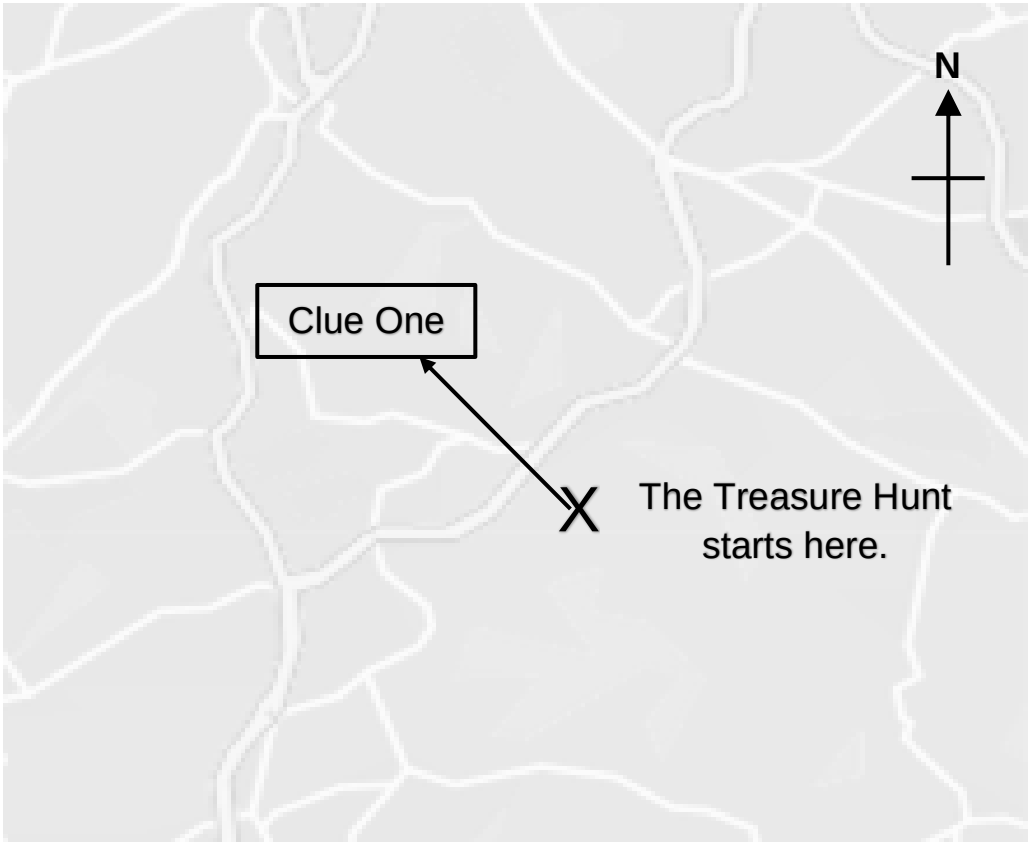
4 marks

Q7 A scout group organises a Treasure Hunt. People will follow directions to look for clues **and** then answer questions.



A group of friends decide to take part.

Here is the direction to Clue One



a In which direction is Clue One?

…… **1 mark**

They read Clue One.

Clue One

b Which one of these letters has **no** lines of symmetry?

H M N O

…… **1 mark**

Q8 A club plans to hold a Barbecue for 400 people.

She allows **two sausages** for **each person**.

A club member needs to order the rolls **and** sausages.
She needs to order **one long roll** for **each sausage**.

The rolls are sold in packs of 24

long roll

a How many packs of rolls must she order?

Show your working out.

…….. packs of rolls

4 marks

She needs to order the sausages.

$\frac{1}{10}$ of the number of sausages need to be vegetarian.

b How many vegetarian sausages will she order?

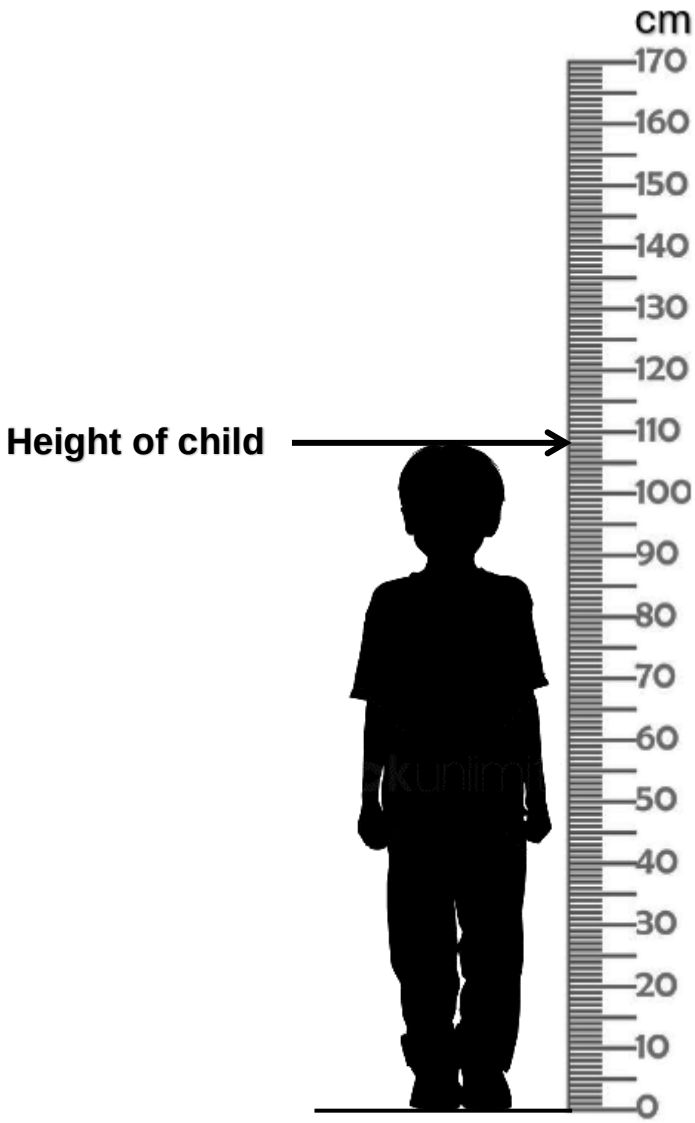
Show your working out.

…… vegetarian sausages

2 marks

Q9 A family sees a poster for a Fun Fair**.**

It says children have to be **over 102cm** tall to go on the rides.
They need to check their child's height before they go to the Fun Fair.



Can the child go on the rides? **Give a reason for your answer. Use numbers to help you explain.**

Space for working.

Yes / No ……..

Reason

2 marks

Q10 A dance school holds a Dance Display every year.
Last year they made £650 from the ticket sales.

This year they sold 97 tickets at £5.75 each.

The organiser thinks they made **more money** this year than they did last year from the ticket sales.

a Is the organiser correct? **Give a reason for your answer. Use numbers to explain.**

Show your working.

Yes / No ……..

2 marks

b Use approximation to check one of your answers.

Show your check here.

1 mark

Total marks: 30

End of calculator paper.