Entry Level 3 Functional Skills Qualification in Mathematics - Part A

QUESTION PAPER

Learner name:	
Learner number:	
Centre number:	
Today's date:	
Learner's signature and date:	

Total marks available: **9**

Time limit: **30 minutes**

_____

For Part A you need:
- This question and answer paper
- A pen with black or blue ink
- A pencil
- A ruler

Do not open this paper until you are told to do so by the invigilator.

Instructions

1. Please sign and date above to confirm that your details are correct and that you have understood the instructions
2. Read each task and question carefully.
3. Remember to show all your workings out clearly.
4. The number of marks available for each question is shown in brackets. Use these marks to guide you on how long to spend on each question.
5. Answer **all** questions using the space provided on this question and answer paper.
6. If you have time, check your work for **Part A** at the end. Once you have handed in this question and answer paper, you will not be able to check this again.
7. If you use extra paper, write your name, learner number and the question number you are answering on it and securely attach it to this question and answer paper.

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PART A - QUESTION AND ANSWER PAPER
NON-CALCULATOR – 30 MINUTES
For Part A you need:

- This question and answer paper
- A pen with black or blue ink
- A pencil
- A ruler

INTERNET ACCESS IS NOT PERMITTED AND YOU MUST NOT USE A CALCULATOR

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Question 1   (1 mark)

934 – 307 =

Question 2   (1 mark)

75 x 7 =

Question 3   (1 mark)

282 + 135 + 578 =

Question 4 (3 marks)

Eva and her three friends have £150.

They share the money equally in whole pounds.

They will give any money left to charity.

How much will they give to charity?

Show your workings.

Question 5 (2 marks)
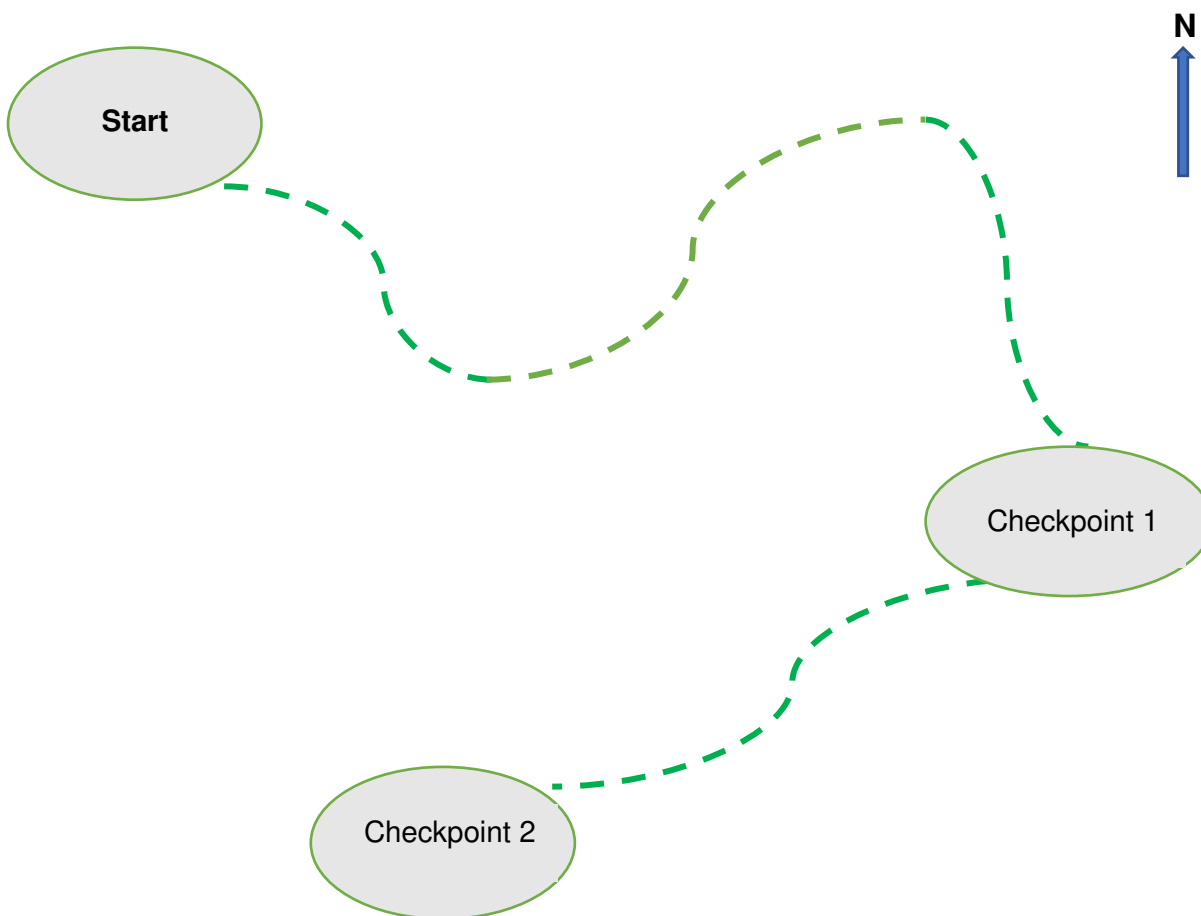
Maria will save £3.50 every month.

How much will she save after a year?

Show your workings.

Question 6   (1 mark)

Joe has planned this route for a treasure hunt.

N

Start

Checkpoint 1

Checkpoint 2

Joe needs to give a compass direction to follow from checkpoint 2 back to the start.

Which compass direction should he give?

End of Part A

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Entry Level 3 Functional Skills Qualification in Mathematics - Part B

QUESTION PAPER

Learner name:	
Learner number:	
Centre number:	
Today's date:	
Learner's signature and date:	

Total marks available: **27**

Time limit: **1 hour and 15 minutes**

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For Part B you will need:
- This question and answer paper
- A pen with black or blue ink
- A pencil and an eraser
- A ruler
- A non-scientific calculator

Do NOT access the Internet during the assessment.

Do not open this paper until you are told to do so by the invigilator.

Instructions

1. Please sign and date above to confirm that your details are correct and that you have understood the instructions

2. Read each task and question carefully.

3. Remember to show all your workings out clearly.

4. The number of marks available for each question is shown in brackets. Use these marks to guide you on how long to spend on each question.

5. Answer all questions using the space provided on this question and answer paper.

6. If you have time, check your work for Part A at the end. Once you have handed in this question and answer paper, you will not be able to check this again.

7. If you use extra paper, write your name, learner number and the question number you are answering on it and securely attach it to this question and answer paper.

RFSME365 (B)

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Question 7 (1 mark)

Tick **inside** the shapes that have **more** than 1 line of symmetry?

a

b

c

d

e

f
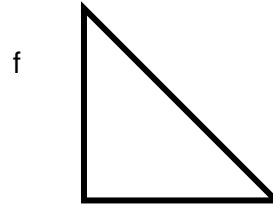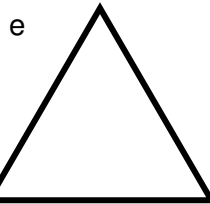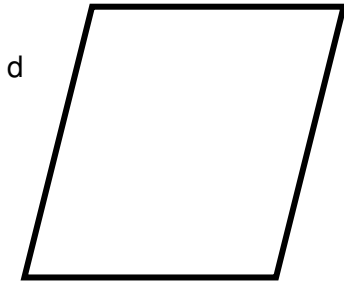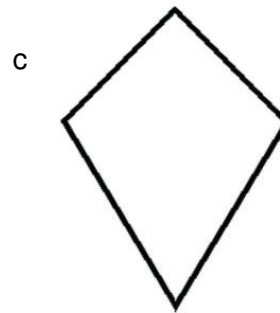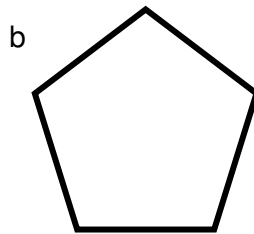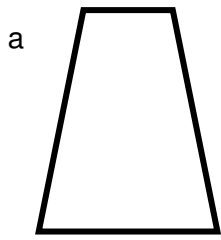
Question 8 (1 mark)

Write the number 813 in words

Question 9 (1 mark)

Tick the fraction that is equivalent to one third.

a. $\dfrac{1}{6}$

b. $\dfrac{4}{6}$

c. $\dfrac{3}{9}$

d. $\dfrac{3}{6}$

e. $\dfrac{4}{9}$

Question 10 (1 mark)

What is the next number in this sequence?

1.12	1.06	1	

Question 11 (3 marks)

Callum and Ranvir have organised a family activity day.

Task	Time Taken
Setting up activities	45 minutes
Doing the activities	3 hours
Tidying up the activities	30 minutes

They need to have completed the tidying up by 5pm.

What time should they **start** setting up activities?

Show your workings.

Question 12   (1 mark)

Write these numbers in order starting with the biggest.

   a. 2.25
   b. 2.3
   c. 2.29
   d. 3

Question 13   (1 mark)

How much is £18.79 to the nearest 10p?

Question 14   (2 marks)

Jack runs a choir which has 60 members.

Only 16 singers can perform on stage.

Jack thinks that fewer than a quarter of the choir members can perform on stage.

Is he correct?

Show how you decide.

Question 15 (2 marks)

Tom has planned a dog walking route. The route must be more than 1.5km.

The route is measured at 1 kilometre and 55 metres.

Is the route long enough for Tom?

Show how you decide.

Question 16 (2 marks)

Samia is making a poster to advertise a special offer in her shop.

The lettering for the word offer must be between 18 and 19mm.

SPECIAL
OFFER

cm

Is the lettering the right size?

Show how you decide.

Question 17 (4 marks)

A group of friends are planning an activity.

Tanya writes everyone's first choices in this list:

bowling, bowling, go-karting, paintballing, bowling, cinema, cinema, go-karting, cinema, bowling, go-karting, cinema, cinema, go-karting, paintballing, bowling, bowling, cinema, go-karting, cinema, bowling, bowling, paintballing, bowling, cinema

a) Draw and complete a table to record the results:

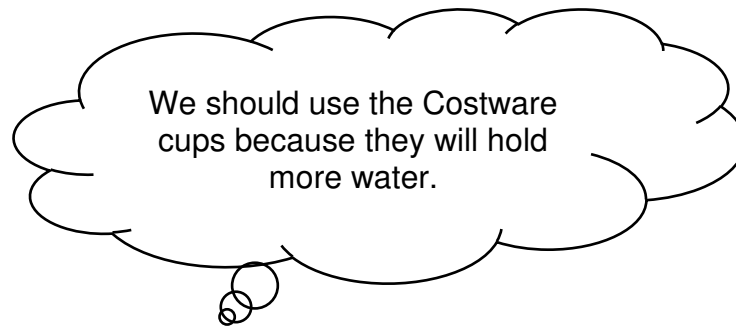**b)** Using the results from your table, which activity is most popular?

Question 18 (2 marks)

Ed has two sizes of cups he can use.

Cup Brand	Capacity
Starbuy	0.2L
Costware	0.19L

This is what Ed thinks:

We should use the Costware cups because they will hold more water.

Is he correct?

Show how you decide.

Question 19 (4 marks)

The table shows the amounts made by different charities.

Charity	Amount raised
Oxfam	**£42**
NSPCC	**£15**
Cancer Research UK	**£55**
RSPCA	**£18**

Create a graph or chart to show this information.
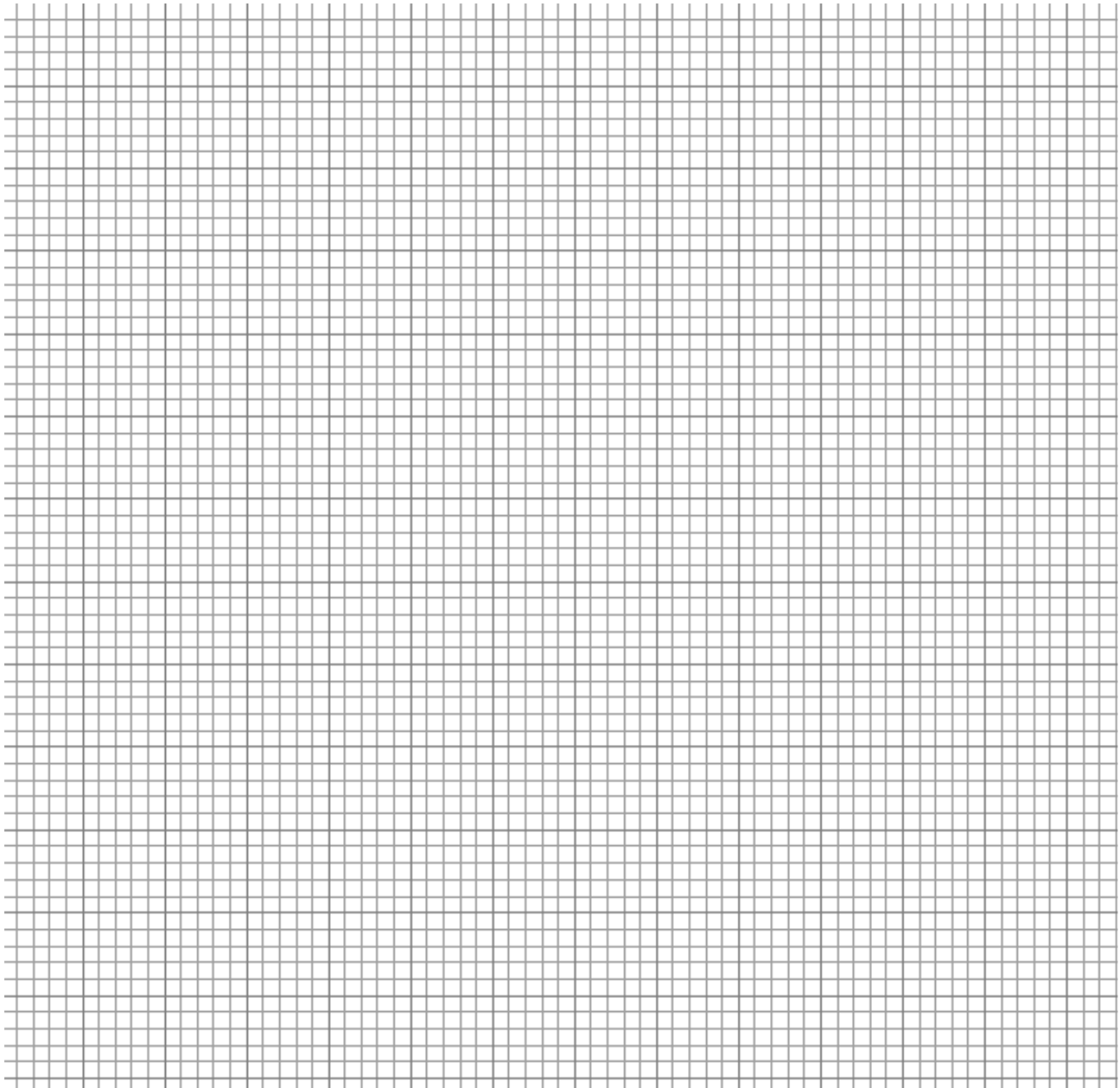
Question 20 (2 marks)

Leo is reading a book with 103 pages.
He plans to read the same number of pages each night.

He keeps a record of the page he reaches each night:

Tues	Wed	Thurs	Fri	Sat
36	54	72		

He thinks he will finish reading the book on Saturday.

Is he correct?

Show how you decide.

End of assessment

For Marker's Use Only

	Please tick
I **confirm** that the work/evidence submitted is the learner's own work	☐
I **understand** that learner results may be invalidated if evidence is submitted that does not belong to them	☐

Questions Section A	Marks available	Learner mark
1	1	
2	1	
3	1	
4	3	
5	2	
6	1	
Total (A)	9	

Questions Section B	Marks available	Learner mark
7	1	
8	1	
9	1	
10	1	
11	3	
12	1	
13	1	
14	2	
15	2	
16	2	
17a	3	
17b	1	
18	2	
19	4	
20	2	
Total (B)	27	
A and B Total	**36**	

Role	Name	Signature	Date
Marker			
IV (if sampled)			
EV (if sampled)			