

# Functional Skills Mathematics Entry 1 sample assessment

## Candidate's paper - Non-calculator

Travel

Marks: 8

Name: \_\_\_\_\_

City & Guilds Enrolment Number: \_\_\_\_\_

Date: \_\_\_\_\_

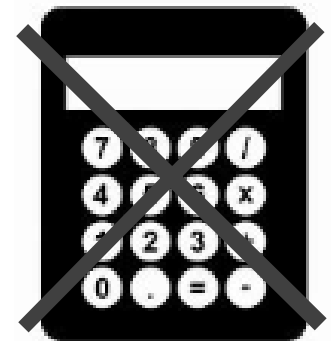
Start time: \_\_\_\_\_

Finish time: \_\_\_\_\_

### You will need

- a pen with black or blue ink
- a pencil
- a rubber
- a ruler.

You must **not** use a calculator.



### Instructions

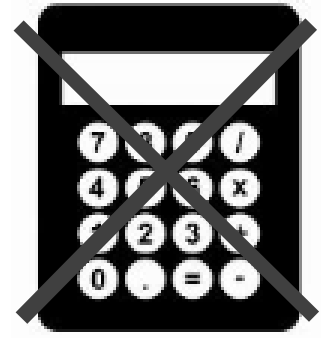
- Read each question carefully.
- Answer **all** the questions.

**Draft materials**  
**Subject to Technical Evaluation by Ofqual.**

**Non-calculator paper**

There are **8** marks available.

You must **not** use a calculator.



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**Q1.** Work out  $12 + 4 =$

.....

**1 mark**

**Q2.** Work out  $20 - 13 =$

.....

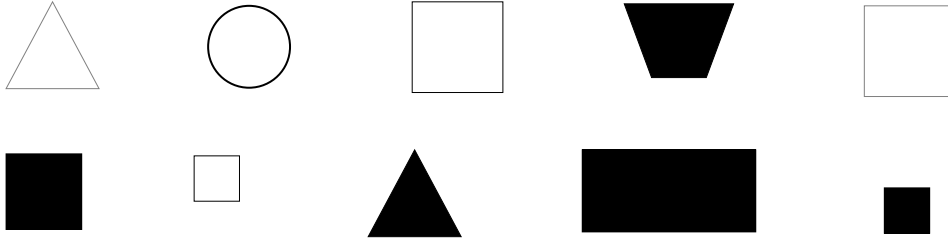
**1 mark**

**Q3.** Add these two numbers together  
**8 and 7**

.....

**1 mark**

Q4.



Put ticks next to all the **squares**.

1 mark

Q5. 7 kg is ..... 10 kg.

Choose the correct words to finish the sentence.

- A. more than
- B. the same as
- C. lighter than
- D. heavier than

1 mark

Q6. A train fare is £2.



Tick a coin or coins that make the correct money for the train fare.

1 mark

**Q7.** These are four bus tickets.



Tick the **most expensive** bus ticket.

**1 mark**

**Q8.** This is how many pounds the bus tickets cost.

**6   4   12   8**

Put the numbers in order from the smallest to the largest.

**1 mark**

**Total marks: 8**

**End of non-calculator paper**

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# Functional Skills Mathematics Entry 1 sample assessment

## Candidate's paper - Calculator allowed

Travel

Marks: 24

Name: \_\_\_\_\_

City & Guilds Enrolment Number: \_\_\_\_\_

Date: \_\_\_\_\_

Start time: \_\_\_\_\_

Finish time: \_\_\_\_\_

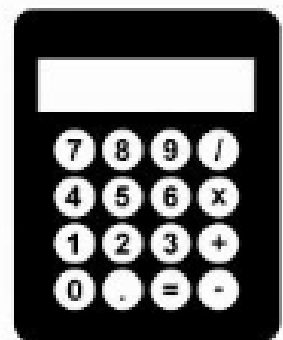
### You will need

- a pen with black or blue ink
- a pencil
- a rubber
- a ruler.

You must **not** use a calculator.

### Instructions

- Read each question carefully.
- Answer **all** the questions.



**Draft materials**  
**Subject to Technical Evaluation by Ofqual.**

## Calculator paper

There are **24** marks available.

You may use a calculator.



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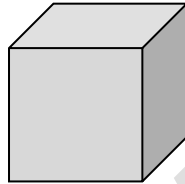


**Q1.** How many months are there in one year?

- A. 6
- B. 7
- C. 10
- D. 12

**1 mark**

**Q2.** This shape has six sides all the same size.



What is the name of this shape?

**1 mark**

**Q3.**



Tick all the 10p coins.

**1 mark**

**Q4.** A man wants to catch a bus. He checks the time.



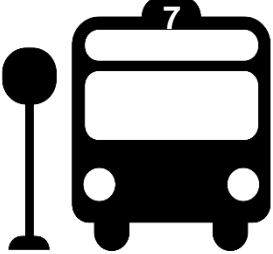
**a.** What time does the clock show?

.....

**1 mark**

The man wants to catch the next bus from the bus station.

This is the bus timetable

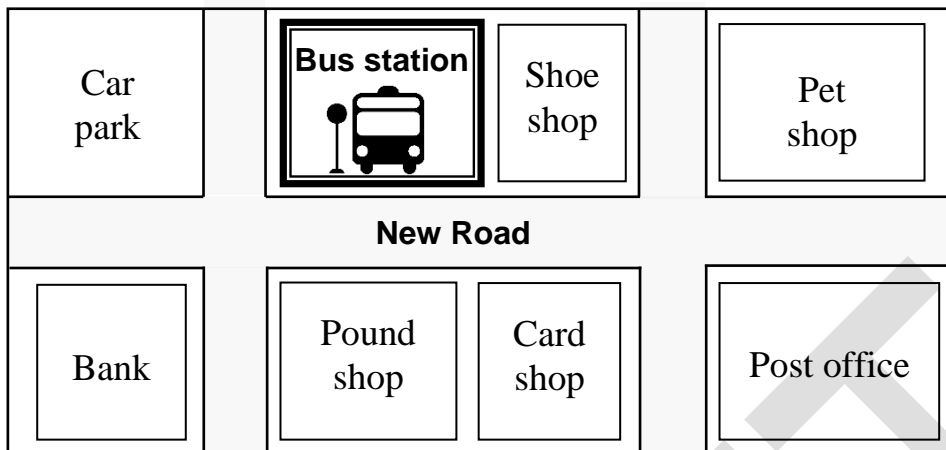
	<b>Number 7 bus times</b>
	Bus station 2 o'clock
	Bus station 4 o'clock
	Bus station 6 o'clock
Bus station 8 o'clock	

**b.** What is the time of the **next** bus the man can catch?

.....

**1 mark**

c. This map shows the bus station.

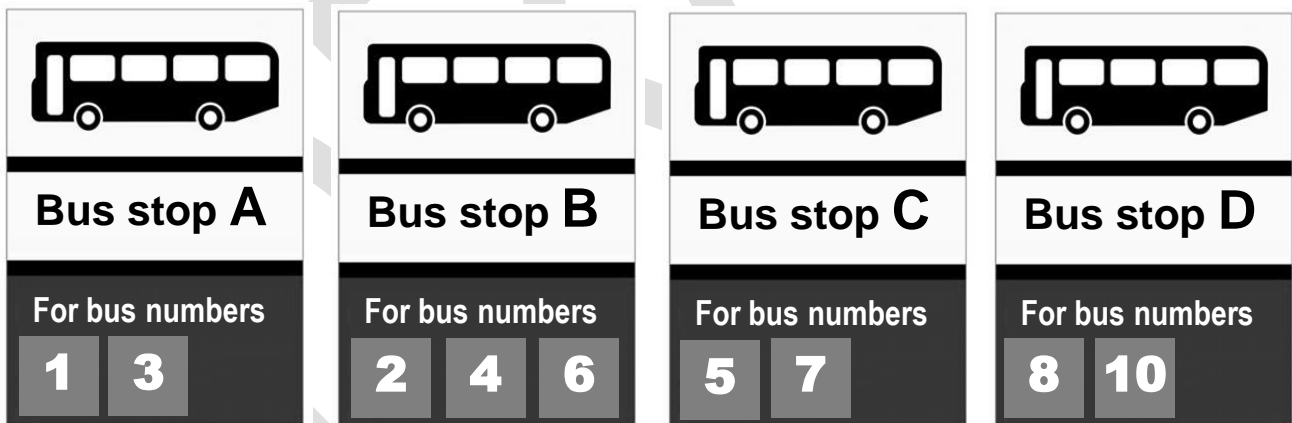


Where is the bus station on the map?

- A) behind the Post office
- B) to the right of the Car park
- C) next to the Pet shop
- D) on the left of the Bank

1 mark

There are four bus stops at the bus station.



d. Which bus stop does bus number **seven** go from?

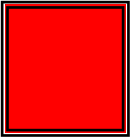
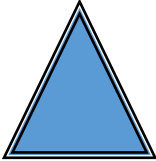
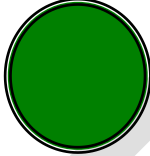
- A) Bus stop A
- B) Bus stop B
- C) Bus stop C
- D) Bus stop D

1 mark

**Q5.** A woman parks her car in a car park at the airport.

The car park has three different zones.

She parks in the **blue zone**.

		
<b>red zone</b>	<b>blue zone</b>	<b>green zone</b>

a. What is the shape for the **blue zone**?

**1 mark**

.....

This list is in the lift.

<b>offices</b>	<b>are on Level 5</b>
<b>flight arrivals</b>	<b>are on Level 4</b>
<b>check in</b>	<b>is on Level 3</b>
<b>car park</b>	<b>is on Level 2</b>
<b>shops</b>	<b>are on Level 1</b>
<b>toilets</b>	<b>are on Level 0</b>

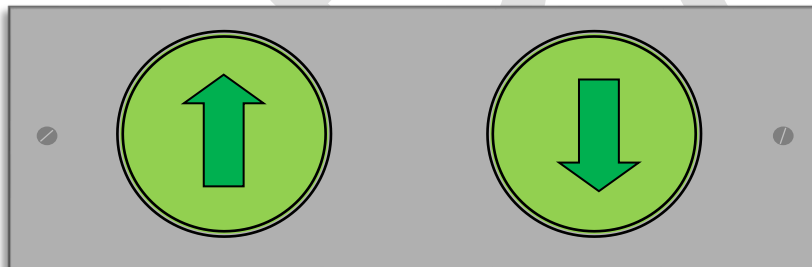
b. What level is the car park on?

.....

1 mark

The woman is in the car park.  
She wants to go to **check in**.

The lift has two buttons.



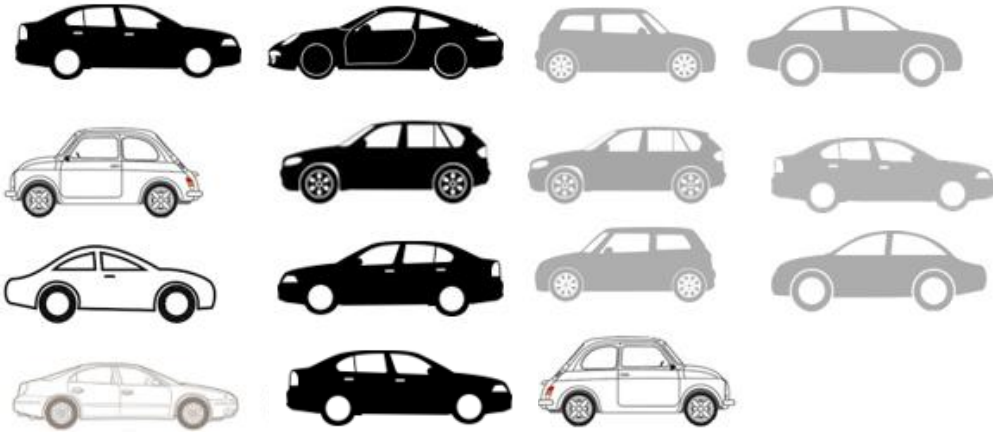
c. Tick the correct words to finish the sentence.

The woman needs to press the button on the left / right

because she wants to go down / up .

2 marks

**Q6.** A garage has these cars for sale.



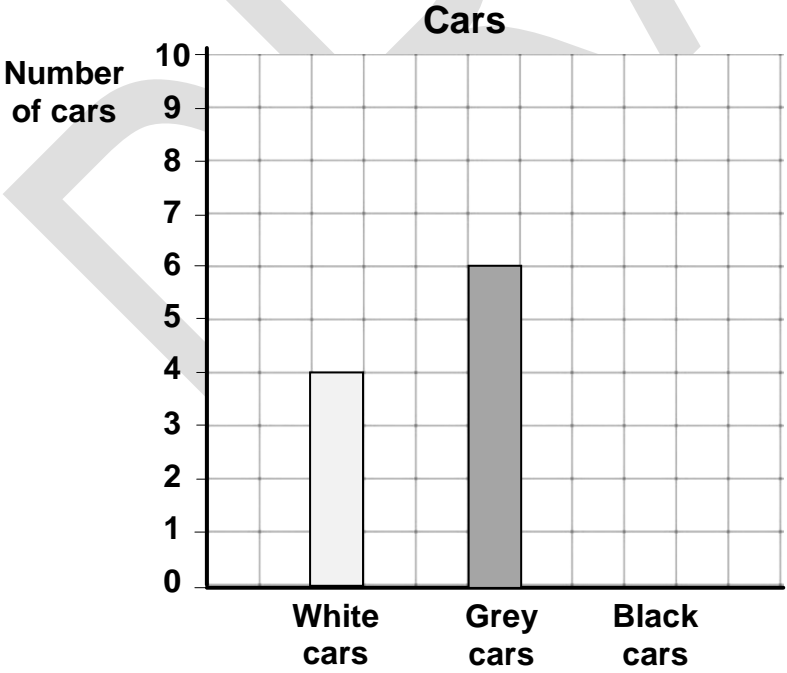
a. Put a tick on all the **black** cars.

**1 mark**

b. How many **black** cars are there?

**1 mark**

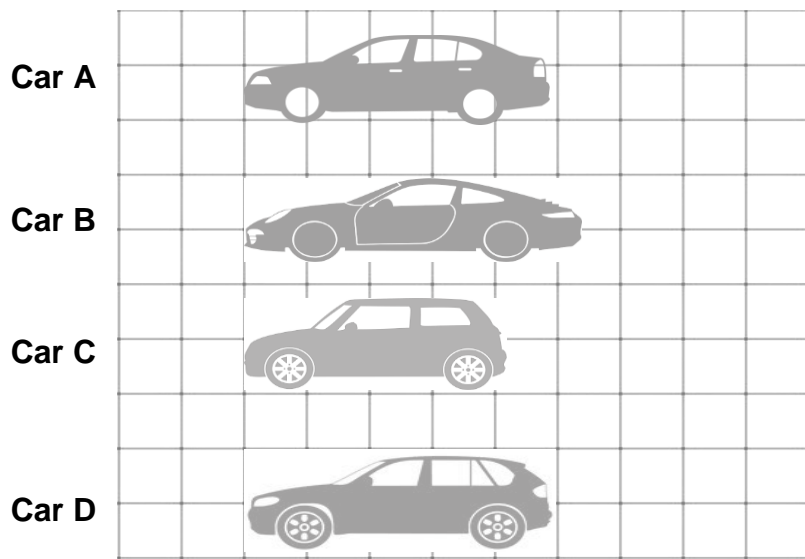
This chart shows the numbers of white cars and grey cars.



c. Draw in the bar for black cars.

**1 mark**

Here are four cars.



d. Which one of these cars is the **longest**?

- A) Car A
- B) Car B
- C) Car C
- D) Car D

1 mark

**Q7.** A car park has 16 parking spaces.

- a.** 3 of the parking spaces are for drivers with a blue badge.  
The rest are for drivers **without** a blue badge.

How many parking spaces are for drivers **without** a blue badge?

.....

**1 mark**

- b.** The car park has 16 parking spaces.  
7 cars are in the car park.

How many more cars can park in the car park?

.....

**1 mark**

- c.** A woman wants to go to the bank. She parks in the car park.  
She will walk to the bank and back. This will take 10 minutes in total.  
It will take 5 minutes to get her money from the bank.

How many minutes does the woman need to park for?

..... **minutes**

**1 mark**



**Q8.** A man buys a train ticket **on Monday**.

**a.** He can use the ticket for **3 days** starting from the day he buys it.

On which three days can he use the ticket?

.....Monday.....

**2 marks**

**b.** The ticket costs £6

The man pays with this note.



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

Show your working out

Change \_\_\_\_\_

**3 marks**

Think about your answer.

**c.** Explain why your answer is correct.

.....  
.....

**1 mark**

**Total marks: 24**

**End of calculator paper**

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# Functional Skills Entry 1 sample assessment



## Mark scheme and assessment record

[www.cityandguilds.com](http://www.cityandguilds.com)  
March 2019  
Version 0.1

## Travel

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## Assessor notes for marking

The assessor must mark the test according to the mark scheme.

- Apply the mark scheme methodically.
- Initially apply the **unshaded** section for each question.
- If this is not achieved, work down the shaded rows until you find the appropriate mark.
- If none of the shaded sections are met then award 0 for that part of the mark scheme.

The candidate's marks from each paper must be added together to get the final mark. The pass mark for the assessment is **TBC**.

The assessment record must be completed for each candidate.

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Entry 1 Travel – mark scheme

Candidate's name: \_\_\_\_\_

Non-calculator paper		SCS	Marks	Candidate Mark	Assessor feedback/ comments
1	16	4	1		
2	7	4	1		
3	15	3	1		
4	all 5 squares indicated <b>and only squares indicated</b>	12	1		
5	C lighter than filled in or indicated (do not penalise spelling)	8	1		
6	one x £2 <b>or</b> two x £1 coins indicated	5	1		
7	£12 ticket indicated	1	1		
8	all four numbers in correct order ie 4 6 8 12	1	1		
<b>Total marks available for non-calculator paper</b>			<b>8</b>		

Calculator paper		SCS	Marks	Candidate Mark	Assessor feedback/ comments
1	D or 12	7	1		
2	cube (do not penalise spelling)	9	1		
3	all 4 10p coins indicated only	5	1		
4a	3 (o'clock/pm) accept 3am	6	1		
4b	4 (o'clock/pm) accept 4am	11	1		
4c	B (to the right of the Car park)	10	1		
4d	C or Bus stop C	11	1		
5a	triangle (do not penalise spelling)	9	1		
5b	(Level) 2	11	1		
5c	'left' and 'up' indicated 1 mark for each correct answer	10	2		
6a	all 5 black cars indicated only	12	1		
6b	5 (or follow through from their ticked cars)	2	1		
6c	bar drawn $\pm \frac{1}{4}$ square or squares shaded to indicate 5 (or their number of cars in 6b)	13	1		
6d	B or (Car) B	8	1		
7a	13 (spaces)	3	1		
7b	9 (cars)	3	1		
7c	15 (minutes) allow a few minutes over if qualified (eg she will park for 20 mins in case of queue at bank)	3	1		
8a	Tuesday <b>and</b> Wednesday (do not penalise spelling) Accept common abbreviations eg Tues, Wed	7	2		
	Tuesday only (do not penalise spelling) Accept common abbreviations eg Tue		(1)		
8b	£4 with units or four pounds	1,3,5	3		
	OR 4 without units or with incorrect units OR a correct method for finding change from £10		(2)		
	OR (£)10 for value of note used		(1)		
8c	valid comment about a check eg <i>6 and 4 is 10</i> or how the change makes sense/is reasonable in the context (do not penalise spelling)	check (3)	1		
<b>Total marks available for calculator paper</b>			<b>24</b>		

# Assessment record

Entry 1 Travel

Name: \_\_\_\_\_

City & Guilds Enrolment Number: \_\_\_\_\_

Date: \_\_\_\_\_

Candidate mark for non-calculator paper	/ 8	
Candidate mark for calculator paper	/ 24	
Candidate total mark	/ 32	
Total marks available: 32	Pass mark: <b>TBC</b>	
PRINT Assessor name:	Signature:	Date:
PRINT IQA's Name: (if sampled)	Signature:	Date:
PRINT EQA's Name: (if sampled)	Signature:	Date:
<b>Please indicate as applicable:</b>		
Candidate has achieved	<input type="checkbox"/>	
Candidate has not achieved	<input type="checkbox"/>	