

# Functional Skills Mathematics (4748) Entry 3 Sample Assessment



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April 2023  
Version 1.0

## Candidate's paper - Non-calculator

Job Search

**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

Work out  $48 \times 19 =$

.....

1 mark

Q2

Write these amounts in order starting with the **largest** amount.

330ml    1 litre    500ml    250ml

.....                      .....

1 mark

Q3

Which one of the following is the **best** to measure out 300g of flour?  
**Tick one.**

A



B



C



D



1 mark

**Q4**

$$896 \div 5 =$$

.....remainder .....

**1 mark**

**Q5**

What is the next number in this sequence?

**3.4   5.1   6.8   .....**

**1 mark**

**Q6**

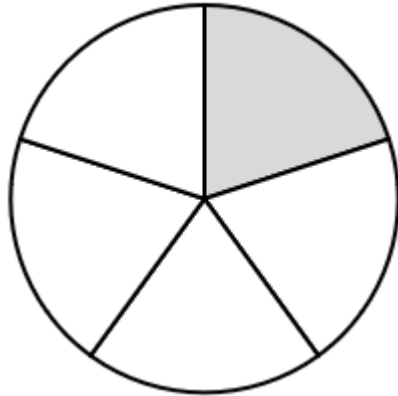
What is **£567.27** rounded to the nearest pound?

£.....

**1 mark**

**Q7**

What fraction of this shape is shaded?



.....

**1 mark**

**Q8**

A woman sees three job advertisements that she wants to apply for. She wants to apply for the job nearest to where she lives.

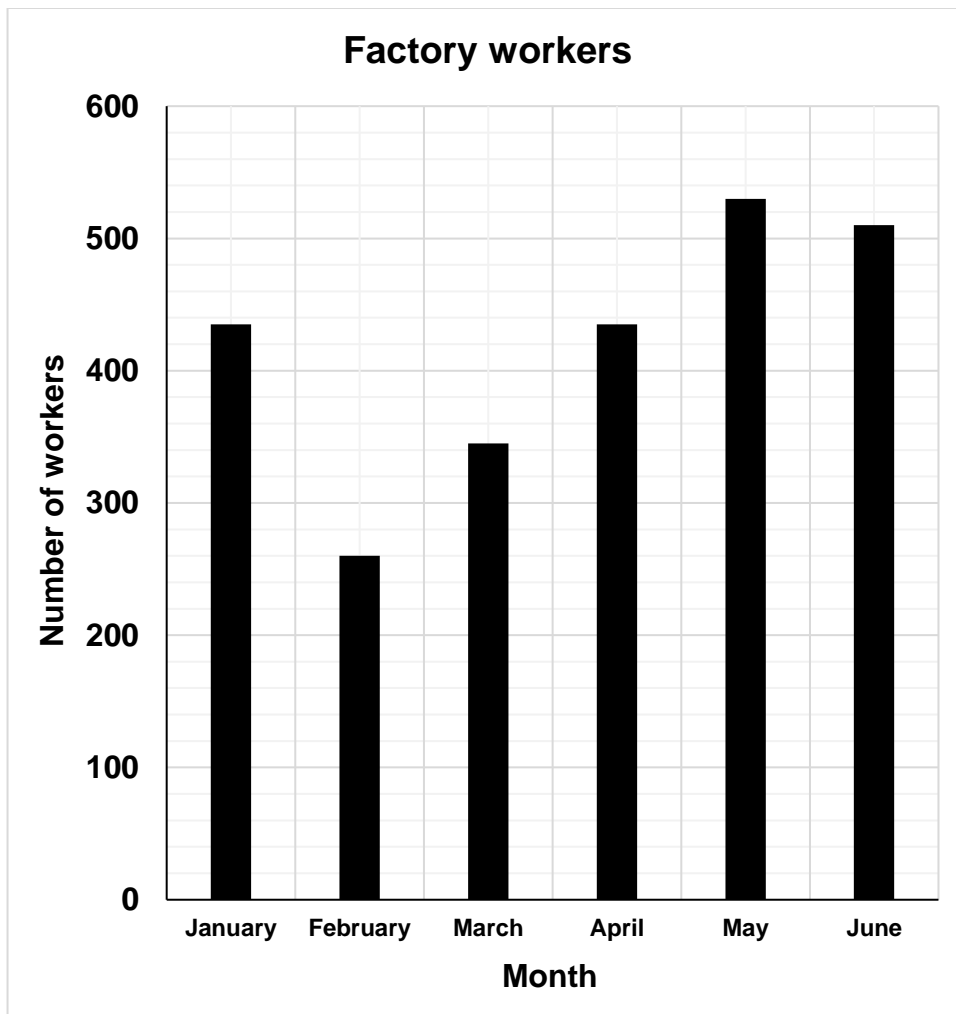
**Job A is 152km, Job B is 154km and Job C is 148km** from her home.

Which job will she apply for?

.....

**1 mark**

**Q9** This bar chart shows the number of workers employed in a factory from January to June.



In which **two** months did the factory employ the same number of workers?

.....

**1 mark**

**Q10** At a workplace induction people were asked how they travelled to work that morning.

These are the results.

bus	cycle	car	walk	cycle
walk	walk	train	bus	car
car	train	car	cycle	cycle
bus	walk	bus	car	walk
cycle	bus	train	walk	bus

Travel to work	Frequency
bus	6
car	5
cycle	5
walk	
train	

Complete the frequency table.

**1 mark**

**Total marks: 10**

**End of non-calculator paper**

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# Functional Skills Mathematics (4748) Entry 3 Sample Assessment



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April 2023  
Version 1.0

## Candidate's paper - Calculator allowed

Job Search

**Time allowed – 65 minutes**

Marks: 30

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

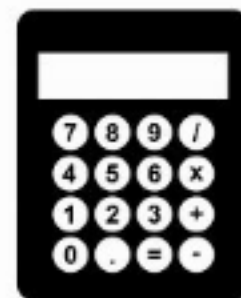
City & Guilds Enrolment Number: \_\_\_\_\_

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**

$242 + 361 + 295 =$

.....  
**1 mark**

**Q2**

Tick all the letters that have a line of symmetry.

A

C

E

G

**1 mark**

**Q3**

What is the next number in this sequence?

39    52    65    78    .....

**1 mark**

**Q4** A man sees a job advert in a newspaper.  
He decides to apply for the job.  
He wants to work out how many hours **each week** he will have to work.

Below is part of the advert.

**Shop assistant**  
required for busy superstore.  
  
6am - 2pm Monday to Friday  
  
Applicants must be 16 years and over.

**a** What number of hours will he need to work?

Space for working.

..... hours

**2 marks**

The man uses this table to find out how much he should be paid each week before any deductions are made.

The man is 17 years old.

	Apprentice	Under 18 years	18 years – 20 years	21 years – 24 years
National Minimum Wage per hour	£5.28	£5.28	£7.49	£10.18

**b** What will the man be paid each week? **Give units with your answer.**

Space for working.

..... **pay for one week**

**3 marks**

**c** Give a reason for the National Minimum Wage you used.

.....

.....

**1 mark**

The man wants to work out approximately how much the pay would be for one month. He uses four weeks for one month.

**d**

What would the **approximate** pay be?

Show your working.

**Approximate pay for one month £.....**

**2 marks**

**Q5** The man applies for the job. He checks the advert for the **closing date** for the job application **and** when the **interviews** will be held.

He makes a note of this information.

The **closing date** for the job application is **12th August**.

**Interviews** will be held on the **14th August**  
between **10am and 3pm**.

## August

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Write on the calendar the information he needs to note.

**3 marks**



**Q6** The man gets an interview for the job.  
He wants to look smart for his interview.

He has **£60 to spend** on clothes. He needs to buy **a pair of trousers, a shirt and a jacket**.

He looks online and chooses from these items.

<b>A</b>  <b>£15.40</b>	<b>B</b>  <b>£17.45</b>	<b>C</b>  <b>£31.50</b>
<b>D</b>  <b>£24.95</b>	<b>E</b>  <b>£11.69</b>	<b>F</b>  <b>£14.95</b>
<b>G</b>  <b>£19.99</b>	<b>H</b>  <b>£39.99</b>	<b>I</b>  <b>£24.99</b>

**a**

Make a list of the items he needs to buy.  
What will he pay for the items he chose?

Write your list here. Show your working.

**Amount to pay £ .....**

**3 marks**

He wants to spend the money he has left on a haircut.

**b**

What will he have left to spend on a haircut?

Show your working.

**£.....**

**1 mark**

**c**

Use approximation to check your answer.

Write your check here.

**1 mark**

**Q7** The interview will take place at the supermarket.

The man looks online to help plan his route. He checks the direction of the supermarket from his home.




**a**


In which direction is the supermarket?


..... **1 mark**


The website shows four different routes to walk from the man's home to the supermarket.

He wants to take the shortest route.

**Route A**  
 1.5 miles

**Route B**  
 1.3 miles

**Route C**  
 1.7 miles

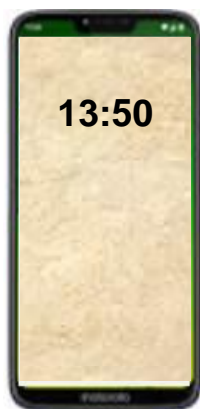
**Route D**  
 1.6 miles

**b**

Tick the route the man will take.

**1 mark**

**Q8** The man's interview is at 2:15pm.  
When he arrives at the supermarket, he checks the time on his phone.



Is he on time for his interview?  
Give a reason for your answer. Use the **times** to help you explain.

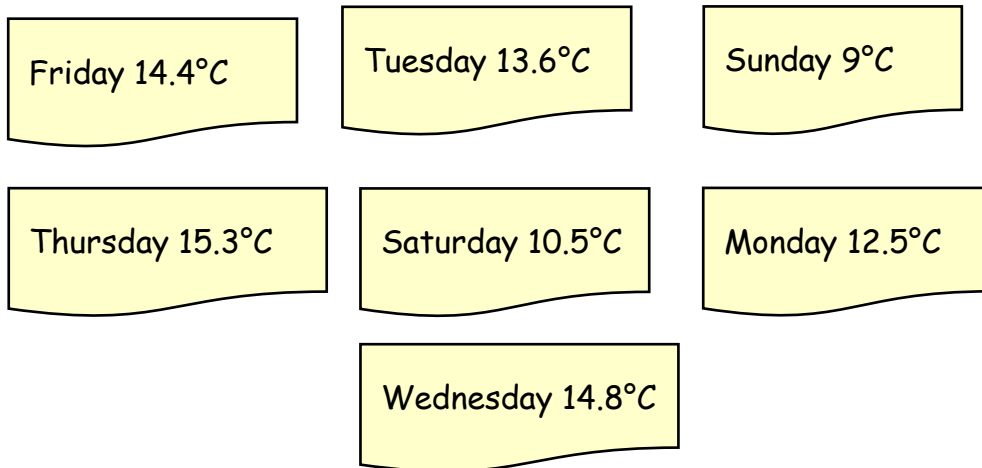
Yes/No .....
Reason

**2 marks**

**Q9** The man gets the job. All the new staff have to attend a training day.

The trainer tells the new staff the stockroom temperature must be kept between  $10^{\circ}\text{C}$  and  $15^{\circ}\text{C}$  every day.

The trainer noted the temperature in the stockroom each day last week.



She tells the new staff to record this information in a table **starting with Monday**. Tick each day to show if the temperature was between  $10^{\circ}\text{C}$  and  $15^{\circ}\text{C}$ .

Days	Temperature $^{\circ}\text{C}$	Temperature between $10^{\circ}\text{C}$ and $15^{\circ}\text{C}$ tick ✓

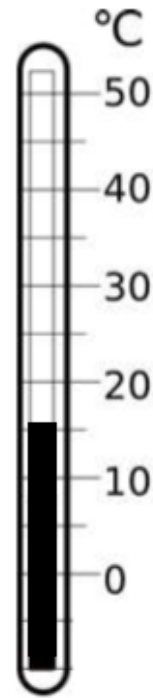
**a**

Complete the table.

**3 marks**

The temperature in the supermarket should be about 18°C

This thermometer shows the temperature in the supermarket today.



**b**

Is the temperature in the supermarket about right?  
Give a reason for your answer.

**Yes/No.....**

**Reason**

.....

.....

.....

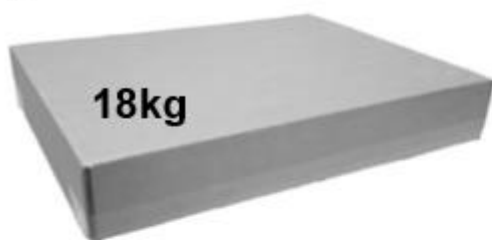
**2 marks**

**Q10** The trainer explains about the guidelines for lifting boxes in the stockroom.

**Maximum** weight for lifting boxes for **women** is up to 16kg

**Maximum** weight for lifting boxes for **men** is up to 25kg

**A**



**B**



**C**



**D**

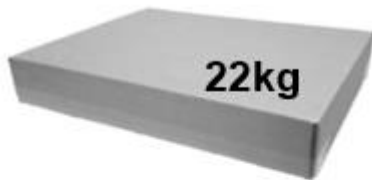


**a**

Which of these boxes is a **woman** allowed to lift?  
**Tick the boxes.**

**1 mark**

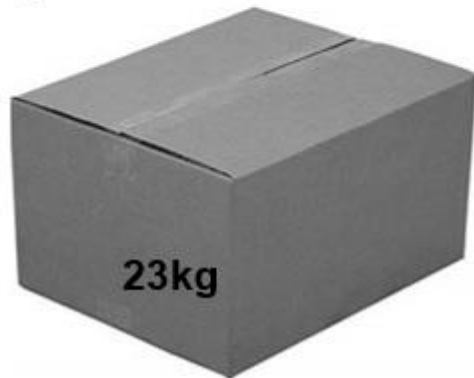
**A**



**B**



**C**



**D**



**b**

Which of these boxes is a **man** allowed to lift?  
**Tick the boxes.**

**1 mark**

**Total marks: 30**

**End of calculator paper**



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