

# Functional Skills Mathematics (4748)

## Entry 3 Sample Assessment



www.cityandguilds.com  
March 2020  
Version 2.3

### Candidate's paper – Non-calculator Furniture Shop

**Time allowed – 25 minutes**

Marks: 10

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

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

Date of registration: \_\_\_\_\_

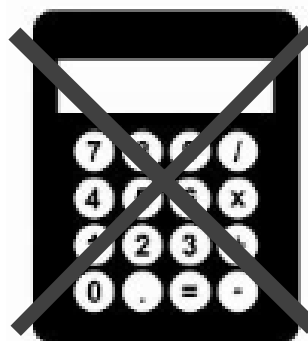
Date of assessment: \_\_\_\_\_

#### 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 **35 x 20 =**

..... **1 mark**

**Q2**

**575 ÷ 25 =**

..... **1 mark**

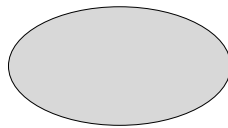
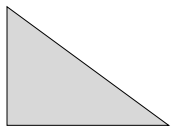
**Q3**

Which one of the following lists is in order starting with the smallest amount?

- A. 50 ml    1 litre    500 ml    ☐
- B. 50 ml    500 ml    1 litre    ☐
- C. 1 litre    50 ml    500 ml    ☐
- D. 1 litre    500 ml    50 ml    ☐

**1 mark**

**Q4** Tick all the shapes below that have **two** lines of symmetry.



**1 mark**

**Q5** What is the next number in this sequence?

**2.6    3.8    5.0    .....**

**1 mark**

**Q6** Round 862 to the nearest hundred.

.....

**1 mark**

**Q7** Which of these is the lowest number?  
**Tick your answer.**

**A**  
827.5

**B**  
827.29

**C**  
827.78

**D**  
827.7

**1 mark**

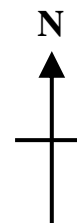
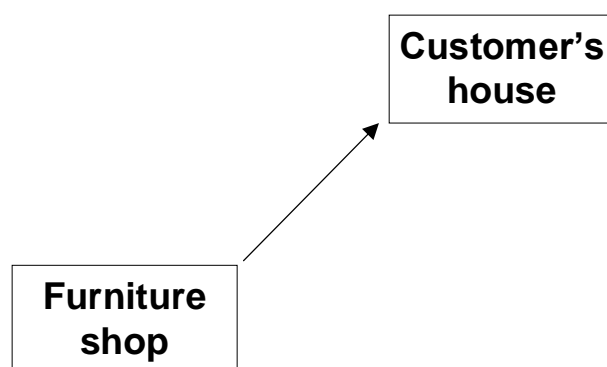
- Q8** A man working in a warehouse is only allowed to lift boxes that weigh **up to 25 kg**.



Which of these boxes is he allowed to lift?  
Tick the boxes.

**1 mark**

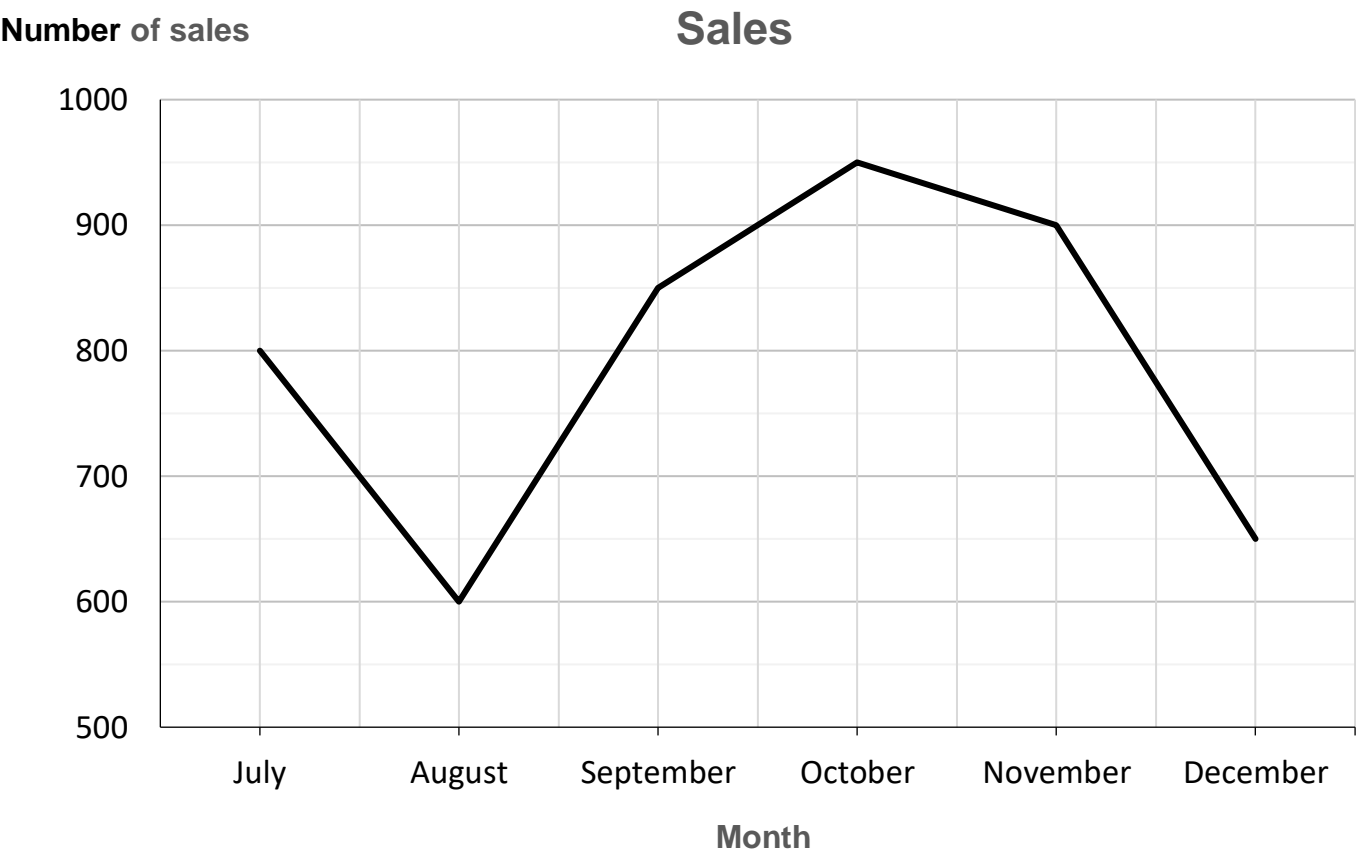
- Q9** A delivery driver needs to go from the furniture shop to a customer's house.



In which direction is the customer's house?

**1 mark**

**Q10** This graph shows the sales for a shop for six months.



In which **two** months did the shop have its two highest sales?

.....

**1 mark**

**Total marks: 10**

**End of non-calculator paper.**

# Functional Skills Mathematics (4748)

## Entry 3 Sample Assessment



www.cityandguilds.com  
March 2020  
Version 2.3

### Candidate's paper – Calculator allowed

#### Furniture Shop

**Time allowed – 65 minutes**

Marks: 30

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

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

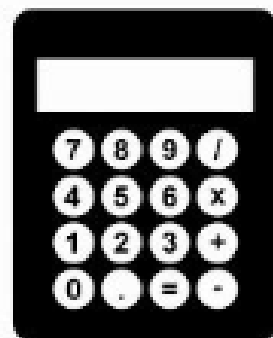
Date of registration: \_\_\_\_\_

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 is **£244.75** rounded to the nearest pound?

.....

**1 mark**

**Q2** Which one of the following is the **best** to measure out 200g of butter?

A. scales ☐

B. teaspoon ☐

C. tape measure ☐

D. measuring jug ☐

**1 mark**

**Q3** What is the next number in this sequence?

**1 mark**

**17      34      51      .....**

**Q4** A customer wants to buy a sofa that costs £699.  
He has £480 cash and these vouchers.



Does the customer have enough money in cash and vouchers to pay for the sofa?  
Explain your answer.

Show your working out

Does the customer have enough? Yes/No \_\_\_\_\_

Explanation

.....

.....

.....

4 marks

**Q5** A customer buys a bed.



She must pay  $\frac{1}{5}$  of the price today.

She will pay the rest when the bed is delivered.

**a** How much will the customer pay today?

Show your working out

**Amount to pay today £** \_\_\_\_\_

**2 marks**

**b** How much will the customer pay when the bed is delivered?

Show your working out

**Amount to pay when bed is delivered £** \_\_\_\_\_

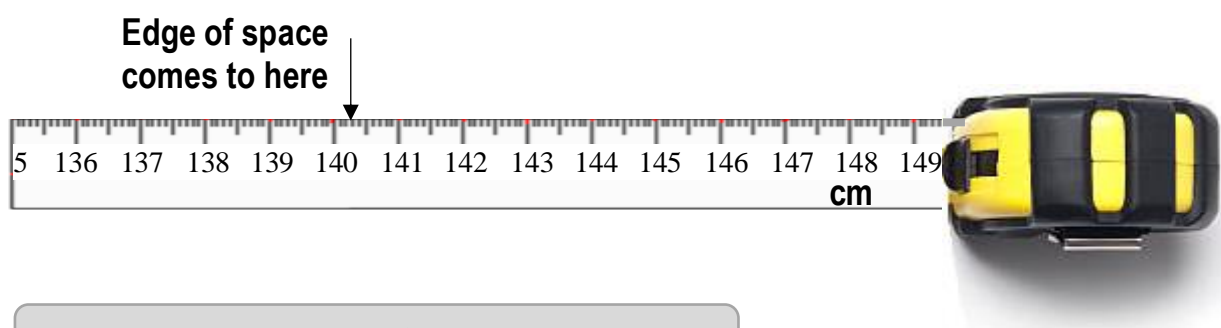
**2 marks**

**Q6** A man wants to buy a wardrobe.

The shop has these wardrobes.

<b><u>Wardrobes</u></b>		
<b>Model</b>	<b>Width</b>	<b>Price</b>
M 20	138 cm	£330
M 50	145 cm	£290
M 60	135 cm	£375
M 80	130 cm	£280
M 90	200 cm	£349

He measures the space for the wardrobe.



**a**

Which wardrobes will fit into the space?

**2 marks**

**Models that fit** \_\_\_\_\_

**b**

Which wardrobe should the man buy?  
Give a reason.

**Model** \_\_\_\_\_ **Price £** \_\_\_\_\_

**Reason**

**2 marks**

**Q7** A customer called Mr Brown phoned to order a chair **this morning**.

This clock shows the time he phoned.



Mr Brown says he will collect the chair from the store in  $1\frac{1}{2}$  hours.

Write a note in the book to say when Mr Brown will collect the chair.

Show your working out



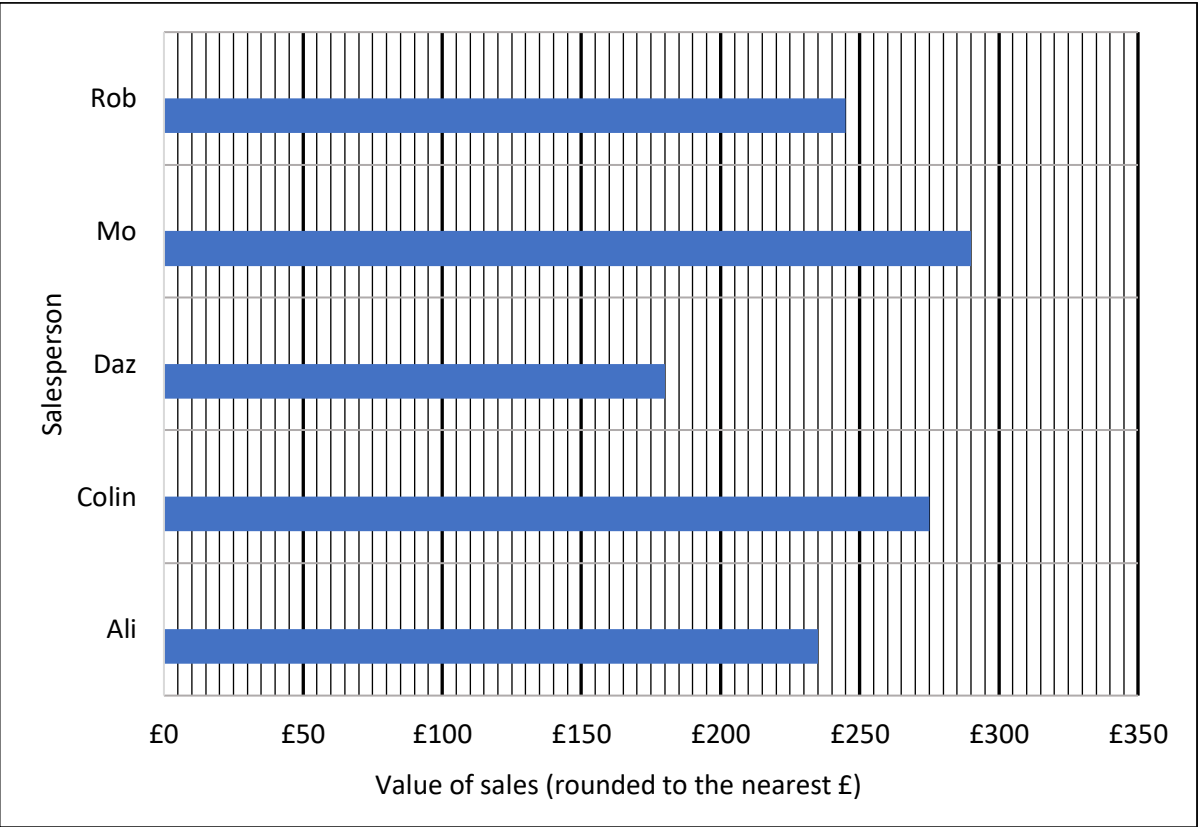
**3 marks**

**Q8.** A supervisor keeps records about her team.

She wants to find out who made the most sales today and the value of their sales.

She works out the value of sales each salesperson made this morning.

She puts this information into the following chart.



The table below shows the value of sales each salesperson made this afternoon.

Salesperson	Ali	Colin	Daz	Mo	Rob
Value of sales in the afternoon (rounded to the nearest £)	£223	£255	£249	£237	£295

Which salesperson made the highest value of sales today?  
Explain your answer. Use numbers to help you explain.

Show your working out to explain your answer.

Tick one.

Ali ☐

Colin ☐

Daz ☐

Mo ☐

Rob ☐

**3 marks**

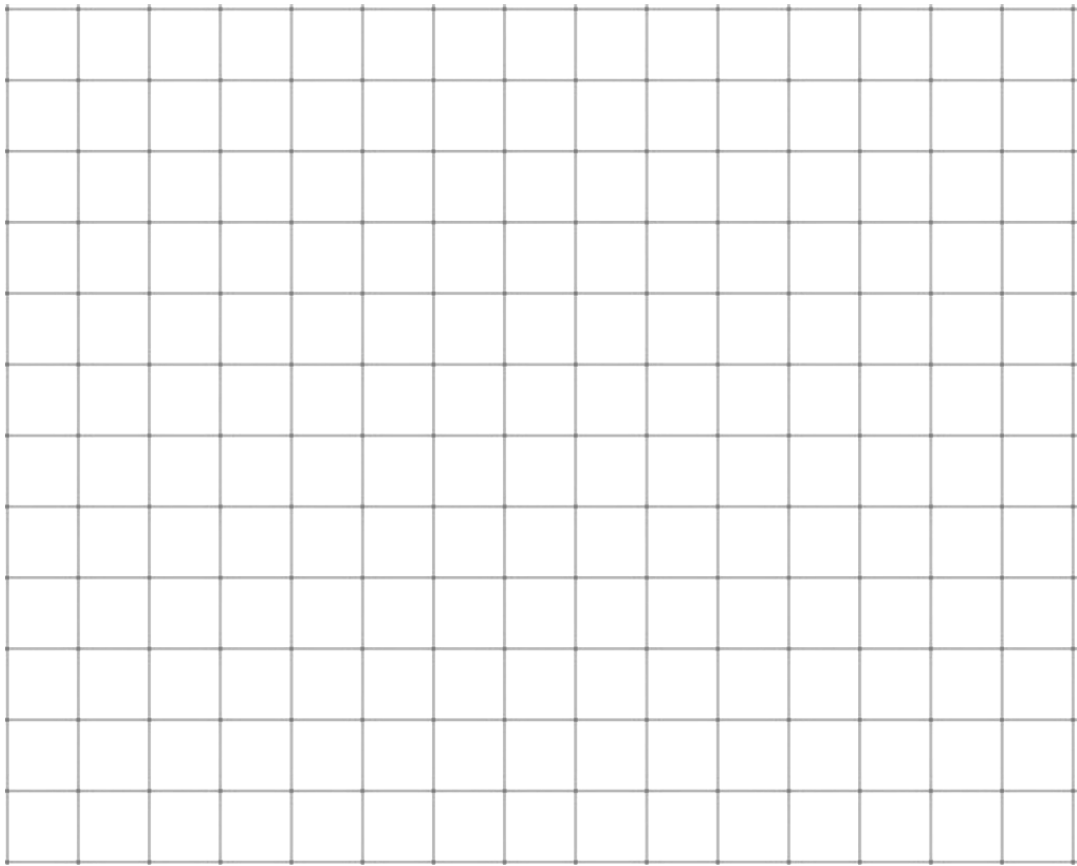
**Q9** The manager of a bed store needs to draw a line graph to show how many beds they sold in the last three months.

Month	Beds sold
January	50
February	70
March	80

Draw a line graph to show this information.

**Put labels on your graph.**

**3 marks**



- Q10** A customer goes to the café in the furniture shop with her friend.  
They look at the price list

<b>Cheese sandwich</b>	<b>£2.55</b>
<b>Chicken sandwich</b>	<b>£2.50</b>
<b>Egg sandwich</b>	<b>£2.25</b>
<b>Soup</b>	<b>£3.25</b>
<b>Sausage roll</b>	<b>£1.20</b>
<b>Crisps</b>	<b>59p</b>
<b>Banana</b>	<b>59p</b>
<b>Water</b>	<b>99p</b>
<b>Tea</b>	<b>95p</b>
<b>Coffee</b>	<b>£1.49</b>

She buys an egg sandwich, a banana and a tea for herself **and** the same for her friend.

- a** How much will the customer pay? **Give units with your answer.**

Show your working out

**The customer will pay** \_\_\_\_\_

**3 marks**

The customer pays with a £20 note.

- b** How much change should she get?

Show your working out

**Change** \_\_\_\_\_

**2 marks**

- c** Use approximation to check your answer.

Write your check here

**1 mark**

**Total marks: 30**

**End of calculator paper.**