Functional Skills Mathematics Entry 3 Sample assessment

Candidate's paper - Non-calculator

Furniture shop

Marks: 10

Name: _____

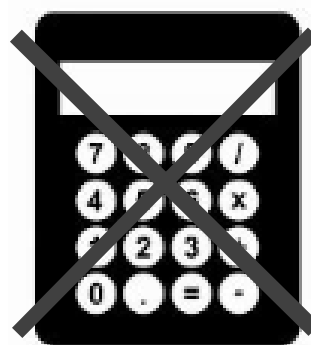City & Guilds Enrolment Number: _____

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 **10** marks available.

You must **not** 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 5 ml of medicine? **1 mark**

A. cup ☐

B. scales ☐
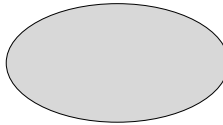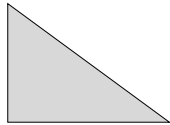
C. teaspoon ☐

D. measuring jug ☐

Q3. Which one of the following lists is in order starting with the smallest amount? **1 mark**

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 ☐

Q4. Tick all the shapes below that have **two** lines of symmetry.　　　**1 mark**

Q5. What is the next number in this sequence?　　　**1 mark**

1.2　　2.4　　3.6　…………

Q6. Look at this calculation　　　**1 mark**

322 + 249 = 571

Show how to check this calculation by rounding 322 and 249 to the **nearest ten**.

	+		=	

Q7. Work out **480 ÷ 50 =**   **1 mark**

Show the remainder in your answer.

…………………………………………………………………………

Q8. A delivery driver can carry things that weigh **up to 25 kg**.
These things need delivering today.

19 kg

31 kg

15 kg

22 kg

Put a tick or a cross on **each box** to show whether the delivery
driver can carry it (✓) or not (X).

1 mark

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

Customer's house

N

Furniture shop
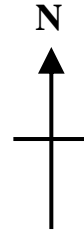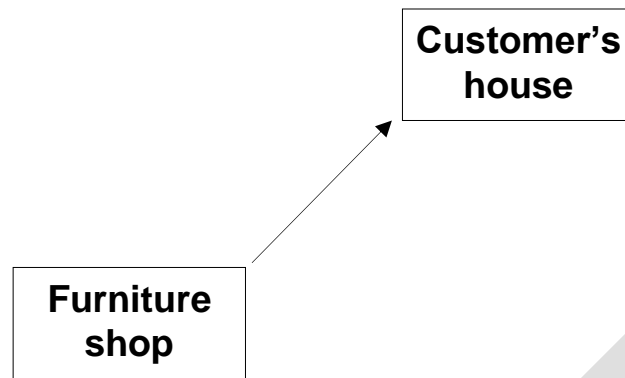
In which direction is the customer's house?

A.   North   ☐

B.   North east   ☐

C.   East   ☐

D.   South east   ☐   **1 mark**

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

Value of sales   **Sales**
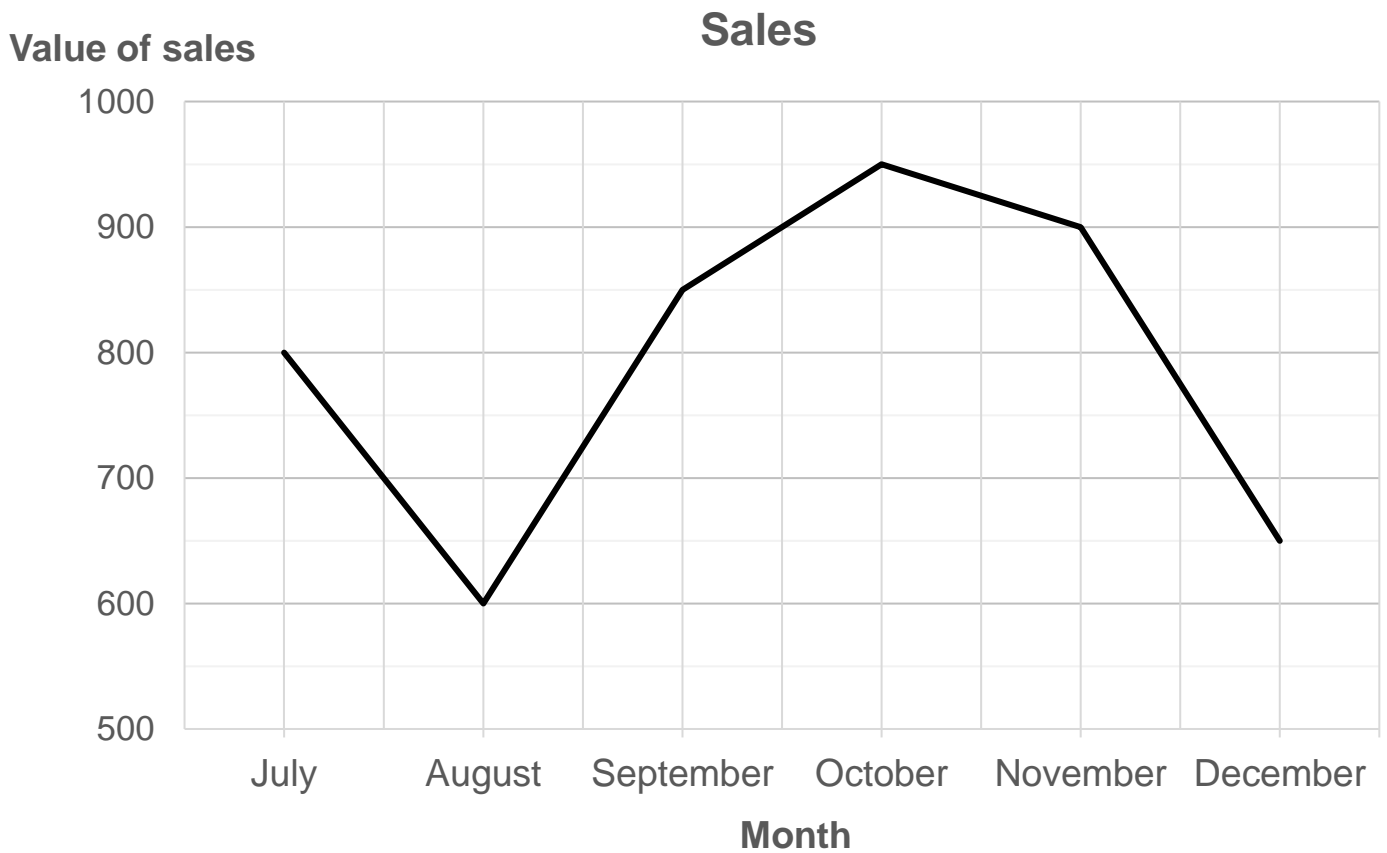
Month

In which month did the shop have the biggest number of sales?

....   **1 mark**

Total marks: 10

End of non-calculator paper

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Functional Skills Mathematics Entry 3 Sample assessment

Candidate's paper – Calculator allowed

Furniture shop

Marks: 30

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.
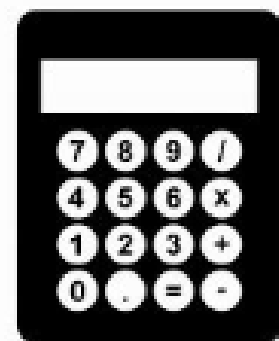
Calculator paper

There are **30** marks available.

You may use a calculator.

Q1. | Work out **35 x 24 =** | **1 mark**

…………………………………………………………………………………

Q2. | Work out **575 ÷ 25 =** | **1 mark**

………………………………………………………………………………….

Q3. | What is the next number in this sequence? | **1 mark**

15　　　**30**　　　**45**　　　……………

Q4. A customer wants to buy some furniture.
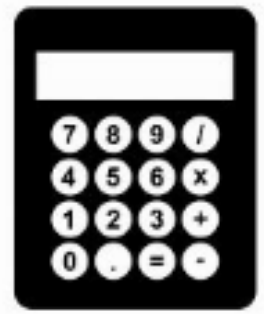He has some vouchers.

Furniture Shop Voucher £25	Furniture Shop Voucher £25	Furniture Shop Voucher £25
Furniture Shop Voucher £25	Furniture Shop Voucher £25	

a. What is the total amount of the vouchers?

Show your working out

Total amount of vouchers £ _____

2 marks

b. The customer also has £130 cash.

What is the **total** amount of money the customer has to spend in cash and vouchers?

Show your working out

Total amount to spend £ _____

2 marks

Q5. A customer buys a sofa.

Sofa price
£200

She must pay a quarter of the price today.

She will pay the rest when the sofa is delivered.

a. Work out how much she will pay today.
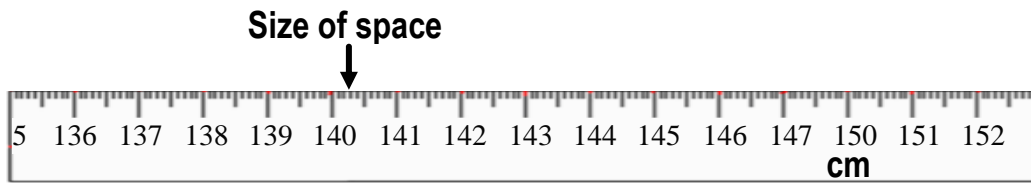
Show your working out

Amount to pay today £ _____

2 marks

b. Work out how much she will pay when the sofa is delivered.

Show your working out

Amount to pay when sofa is delivered £_____

2 marks

Q6. A customer wants a wardrobe to fit into a space.
He measures the space for the wardrobe.

Size of space

↓

| 5 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 150 | 151 | 152 |

cm

a. How big is the space, to the nearest centimetre?

Size of space _____ cm

1 mark

The shop has these wardrobes.

Wardrobes

Model	Width	Price
M 20	150 cm	£130
M 50	145 cm	£120
M 60	135 cm	£190
M 80	130 cm	£150
M 90	200 cm	£249

b. Which wardrobes will fit into the space?
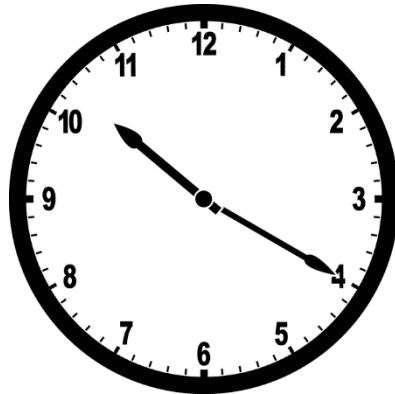
Models that fit _____

2 marks

c. Which is the cheapest wardrobe that will fit into the space?

Model _____

Price £ _____

2 marks

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

This clock shows the time he phoned.

a. At what time did he phone?

The customer phoned at _____

1 mark

Mr Brown says he will collect the chair from the store in 1 hour.

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

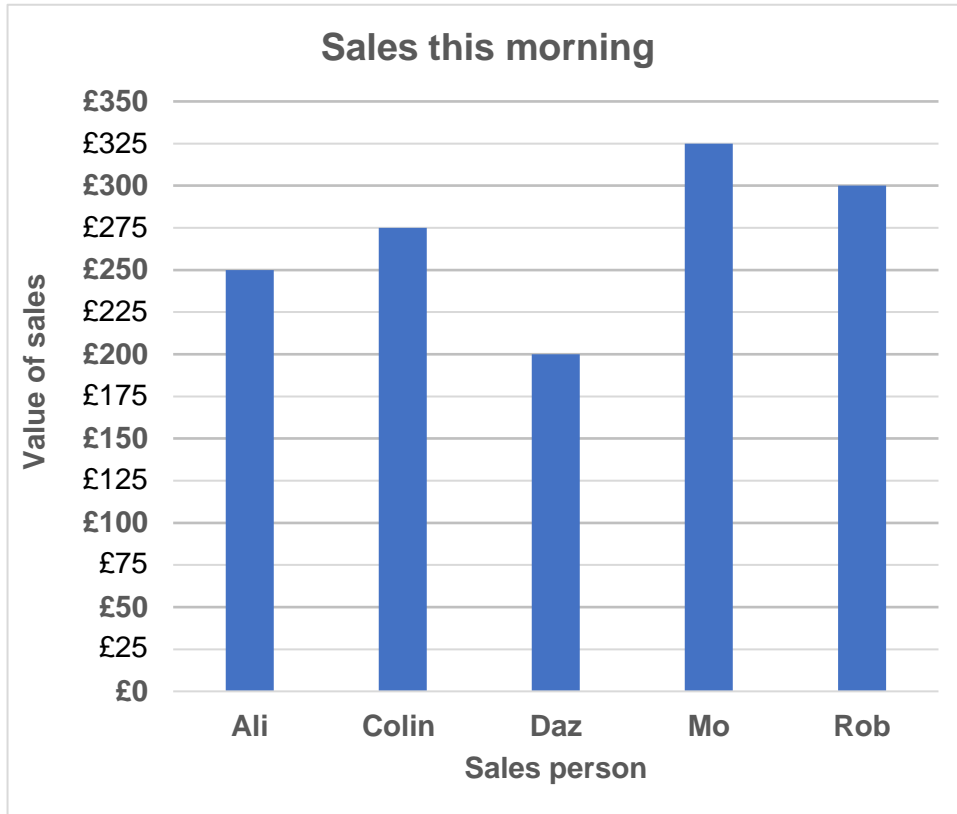**Put units on your answer.**

Space for working out

2 marks

Q8. The supervisor keeps records about her team.

She works out the value of the sales they made this morning.

She puts this information into this chart.

Sales this morning

a. Which sales person had the greatest value of sales this morning?

Sales person_____

1 mark

This table shows the value of the sales this afternoon.

Salesperson	Ali	Colin	Daz	Mo	Rob
Value of sales in the afternoon	£225	£255	£350	£287	£295

b. What was the value of sales this afternoon **for the person you chose** in part a?

Sales £ _____

1 mark

c. Work out the **total** value of sales for the day **for the person you chose** in part a.

Space for working out

Total for the day £ _____

1 mark

Q9. The manager of the bed department checks how many beds they sold at the weekend.

Saturday 10
Sunday   6

Draw a bar chart to show this information.

Put labels on your chart.

3 marks
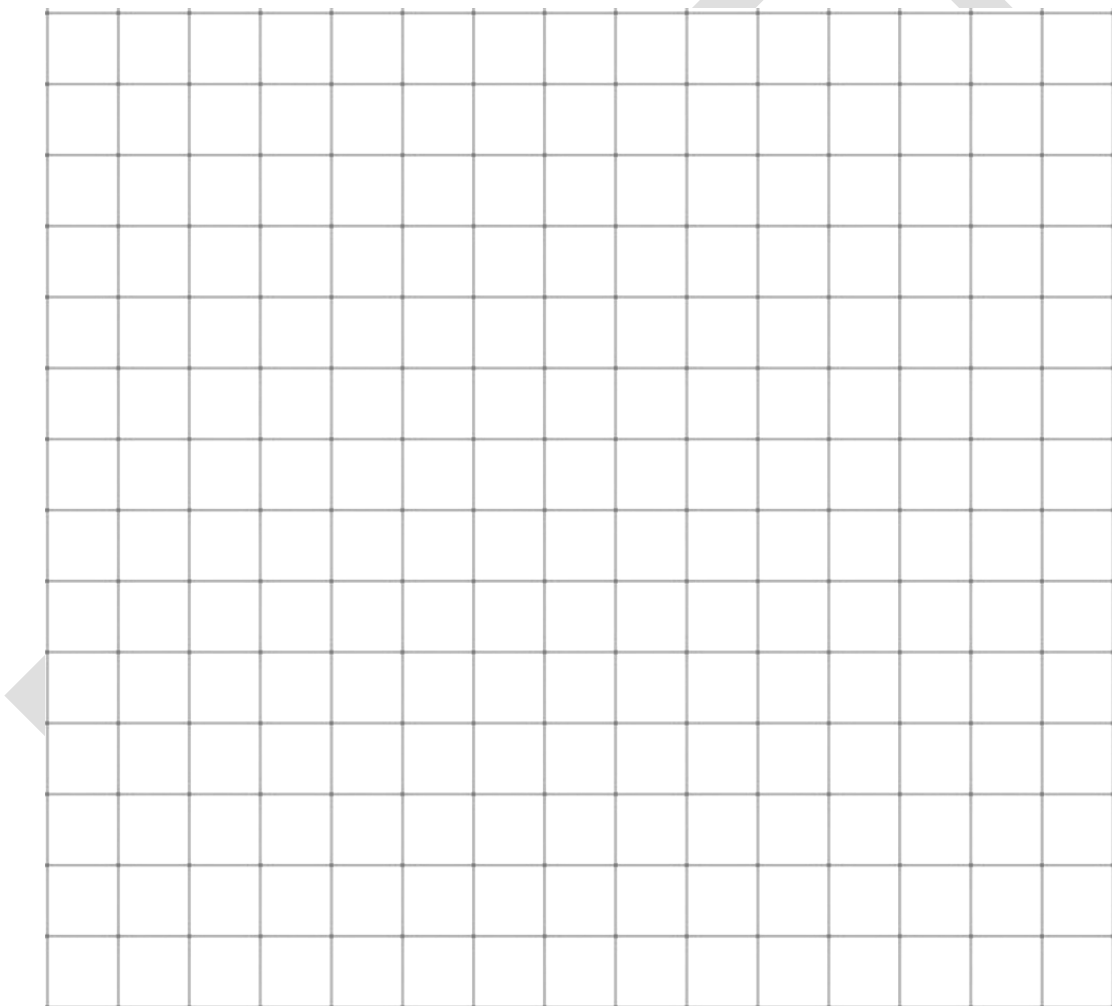
Q10. In the café, a customer buys a sandwich and a coffee.

These are the prices

sandwich £2.50

coffee £1.40

a. What is the **total** cost for the sandwich and coffee?

Show your working out

Total cost £ _____

2 marks

The customer pays with a £10 note.

b. How much change should the customer get?

Show your working out

Change £ _____

2 marks

c. Explain why you think your answer is correct.

1 mark

Total marks: 30

End of calculator paper

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Functional Skills Mathematics Entry 3 sample assessment

Mark scheme and assessment record

Furniture shop

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.

Entry 3 Furniture shop – mark scheme

Candidate name _____

	Non-calculator paper	SCS	Marks	Candidate Mark	Assessor feedback/ comments
1	(£)245 accept (£)245.00	11	**1**		
2	C (teaspoon) indicated	18	**1**		
3	B (50ml, 500ml,1 litre) indicated	17	**1**		
4	Rectangle **and** oval **only** indicated (both required)	19	**1**		
5	4.8	9	**1**		
6	320 **and** 250 **and** 570	5	**1**		
7	9 r30	3	**1**		
8	19kg, 15kg and 22kg indicated ✓ (or yes) **and** 31kg indicated X (or no) (all required)	16	**1**		
9	B (North east) indicated	20	**1**		
10	October (do not penalise spelling)	22	**1**		
Total marks available for non-calculator paper			**10**		

	Calculator paper	SCS	Marks	Candidate Mark	Assessor feedback/ comments
1	840	4	**1**		
2	23	3	**1**		
3	60	6	**1**		
4a	(£)125 for voucher value	4	**2**		
	OR a correct method for finding voucher value eg 25x5		(1)		
4b	(£)255 for total	1, 2	**2**		

	OR a correct method for finding total of cash + vouchers		(1)		
5a	(£)50	3, 7	**2**		
	OR a correct method to find a quarter eg half and then half again or ÷4		(1)		
5b	value for (£)200-their deposit eg (£)150	2	**2**		
	OR a correct method for difference		(1)		
6a	140(cm)	14	**1**		
6b	M 60 **and** M 80 identified only	15	**2**		
	OR M 60 **or** M 80 identified		(1)		
6c	M 80	21	**1**		
	(£)150 or correct lowest price from their chosen models in b		**1**		
7a	10:20(am) or 10-20(am) or 10.20(am) or twenty past 10	13	**1**		
7b	their time + 1 hour with units eg 11:20am **or** 11-20am 11.20am **or** twenty past 11 am accept morning instead of am **(do not penalise spelling)**	12	**2**		
	their time + 1 hour without units eg 11:20 or 11-20 or 11.20 or twenty past 11		(1)		
8a	Mo accept (£)325	22	**1**		
8b	correct value for their person in 8a eg (£)287 for Mo	21	**1**		
8c	correct value for their person in 8a + their value in 8b eg (£)612 for Mo	2	**1**		
9	a bar chart with two bars (any heights) and labels to show the two days **(do not penalise spelling)**	23	**1**		
	scale correct and numbers to 10 (accept 2, 4, 6, 8, 10 or 5,10 etc)		**1**		
	two bars correct heights ± ¼ square		**1**		
10a	(£)3.90	8	**2**		
	OR a correct method for total		(1)		
10b	(£)6.10 or £10-their value for 10a	10	**2**		
	OR a correct method for change		(1)		
10c	valid comment about how the amount of change makes sense/is reasonable in the context, referring to the total cost or the change (eg *A bit less than a fiver seems about right for a sandwich and a drink.* or *The things came to about £4, so about £6 is the right change.*)	Check (10)	**1**		
Total marks available for calculator paper			**30**		

Assessment record
Entry 3 Furniture Shop

Name: _____

City & Guilds Enrolment Number: _____

Date: _____

Candidate mark for non-calculator paper	**/ 10**	
Candidate mark for calculator paper	**/ 30**	
Candidate total mark	**/ 40**	
Total marks available: 40	**Pass mark: TBC**	
PRINT Assessor name:	**Signature:**	**Date:**
PRINT IQA's Name: (if sampled)	**Signature:**	**Date:**
PRINT EQA's Name: (if sampled)	**Signature:**	**Date:**
Please indicate as applicable:		
Candidate has achieved	☐	
Candidate has not achieved	☐	

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