Functional Skills Mathematics (4748)
Entry 1 Sample Assessment

Candidate’s paper – Non-calculator
Craft Shop

Time allowed – 25 minutes

Marks: 8

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 8 marks available.

You must not use a calculator.
Q1  Work out $15 + 5 = \phantom{00}$

1 mark

Q2  What is $18$ take away $11$ ?

1 mark

Q3  Tick the longest table.

A  B  C  D

1 mark

Q4  $14 \phantom{00} 8 = 6$

Write the correct symbol to finish the calculation.

1 mark
Jug A has ........................................ Jug B.

Choose the correct words to finish the sentence.

A the same amount of water as
B less water than
C more water than
D an equal amount of water to

1 mark

Q6 The craft shop has a delivery of wooden ducks.

The ducks are all different heights.

11cm  6cm  3cm  20cm  12cm

Write these heights in order.
Start with the smallest first.

.........cm  ........cm  ........cm  ........cm  ........cm

1 mark
Q7  The craft shop has these shapes to make into gift tags.

![](shapes.png)

The owner wants to use white triangles.

Show which shapes she will use. Tick them.  

1 mark

Q8  A customer buys a sheet of wrapping paper for 12p

She pays with a 20p coin.

This is how she works out how much change she should get.

20p – 12p = 8p

Show how the customer can check her answer.

Show your check here. 

1 mark

Total marks: 8

End of non-calculator paper.
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Functional Skills Mathematics (4748)
Entry 1 Sample Assessment

Candidate’s paper – Calculator allowed
Craft Shop

Time allowed – 65 minutes

Marks: 24

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 24 marks available.

You may use a calculator.
Q1
Write the seasons of the year in order. Start with **spring**.

……………………………………………………………………………………………………... 1 mark

Q2
What is the name of this shape?

……………………………………………………………………………………………………... 1 mark

Q3
Tick all the 1p coins.

……………………………………………………………………………………………………... 1 mark
Q4 A man visits a craft shop.

This is the sign on the door.

We OPEN at

The man checks the time on his watch.

Is the shop open now? How do you know?

Yes/No

I know because

2 marks
b The shop assistant tells the man the craft shop does not open on Sunday and Monday.

How many days of the week is the shop open?

............ days 1 mark

Q5 The craft shop sells these model animals.

A man wants to buy an owl.

This is the price list.

```
cat £9

dog £11

owl £8

horse £7
```

a What does the man need to pay?

£................. 1 mark
The man has these coins.

b Which coins will he use to pay for the owl?
Tick them.

The assistant looks for a model owl.

This is the display in the craft shop.

c Use the picture of the display to finish this sentence.

The owls are ................................................the table.
The manager wants a chart to show the number of model animals sold last week.

The shop sold 13 horses last week.

![Sales Chart]

**d** Draw in the bar for **horses.** 1 mark

**e** Explain what your chart shows about the numbers of models sold.

........................................................................................................................................

........................................................................................................................................

1 mark
A customer wants to buy a plate to paint. She wants to paint the biggest plate.

She sees these plates.

£3  £9  £6  £5

a  Tick which plate she will buy.  

1 mark

The woman pays with this note.

b  What change will she get?  **Put units on your answer.**

Show your working out

Change ___________

3 marks
The owner counts these empty pots of paint today.

Yesterday there were 10 empty pots of paint.

c  Complete the sentences.

The owner counted ............ empty pots of paint today.

The number of empty pots today is ............ more than the number of empty pots yesterday.

2 marks
Q7 The craft shop sells gift boxes.

Here are the boxes.

The owner asks the shop assistant how many black gift boxes there are in the shop.

a What does the shop assistant tell the owner?

There are .................. black gift boxes.  

1 mark

Small gift boxes cost 20p each.

A customer wants to buy one small gift box.

He has these coins.

b Tick the coin to use to pay for the gift box.  

1 mark
The manager keeps a record of the number of mugs, bowls and plates sold last week.

He starts to draw a tally chart to show this information.

This is the number of plates sold.

<table>
<thead>
<tr>
<th>Item</th>
<th>Tally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large mugs</td>
<td>![Tally for Large mugs]</td>
</tr>
<tr>
<td>Small mugs</td>
<td>![Tally for Small mugs]</td>
</tr>
<tr>
<td>Bowls</td>
<td>![Tally for Bowls]</td>
</tr>
<tr>
<td>Plates</td>
<td>![Tally for Plates]</td>
</tr>
</tbody>
</table>

**a** Complete the tally chart to show the number of plates sold.

2 marks
The manager wants to know how many more small mugs were sold than large mugs.

b  What will you tell her?

Space for working.

--------------------------------------------------------------------------
2 marks

The manager also wants to know how many bowls were sold.

c  What will you tell her?

--------------------------------------------------------------------------
1 mark

Total marks: 24

End of calculator paper
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Assessor notes for marking

The assessor must mark the assessment 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.

Marks should always be awarded for correct answers whether numbers are written as words or figures, unless otherwise stated by the question paper or mark scheme.

Assessors must not penalise incorrect spelling.

Units, numbers or words shown in brackets on the mark scheme are not required for the awarding of mark/s on the candidate’s paper.

The candidate’s marks from each paper must be added together to get the final mark. The pass mark for the assessment is 17.

The assessment record must be completed for each candidate.

**Entry 1 Craft Shop – Mark scheme and Assessor record**

**Candidate’s name: ____________________**

<table>
<thead>
<tr>
<th>Non-calculator paper</th>
<th>SCS</th>
<th>Marks</th>
<th>Candidate Mark</th>
<th>Assessor feedback/comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 20</td>
<td>4</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 7</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 C</td>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 –</td>
<td>4</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 C indicated or more water than</td>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 3(cm), 6(cm), 11(cm), 12(cm), 20(cm)</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 all 4 white triangles only indicated</td>
<td>12</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 suitable check</td>
<td></td>
<td>4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>eg 20 – 8 = 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eg 8 + 12 = 20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eg evidence of counting on to 20 do not accept a repeat calculation.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total marks available for non-calculator paper</strong></td>
<td><strong>8</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculator paper</td>
<td>SCS</td>
<td>Marks</td>
<td>Candidate Mark</td>
<td>Assessor feedback/ comments</td>
</tr>
<tr>
<td>------------------</td>
<td>-----</td>
<td>-------</td>
<td>----------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>1 spring, summer, autumn, winter</td>
<td>7</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 circle</td>
<td>9</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 five 1p coins only indicated</td>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4a Yes and explanation consistent with their decision. eg yes, the time now is 10 (o’clock) which is after the shop opens at 9 (o’clock)</td>
<td>6</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4b 5 (days)</td>
<td>7</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5a (£)8</td>
<td>11</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5b correct combination of coins ticked that total £8 or follow through their answer to 5a</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5c a correct description, using positional vocabulary, of the relationship eg ‘under’ (the table) or ‘below’ (the table) or ‘on’ (the floor) or similar</td>
<td>10</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5d bar drawn ± ¼ square or squares shaded to indicate 13</td>
<td>13</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5e valid simple explanation about the completed chart comparing numbers sold. eg there are more horses then cats eg there are fewer horses then dogs eg cats sold the least</td>
<td>13</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6a (£)9 plate indicated</td>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6b £11 with units or follow through their answer to part a 11 without units or with incorrect units OR a correct method for finding change from (£)20 (£)20 for value of note used</td>
<td>3, 5</td>
<td></td>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>6c 18 (empty pots of paint today)</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 or follow through their answer to the first part of the question.</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7a 12 (black gift boxes)</td>
<td>12</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7b 20p coin indicated</td>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8a tally to show 9 plates sold. ie</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2, 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1)</td>
<td></td>
</tr>
<tr>
<td>8b 2 (small mugs)</td>
<td>1, 13</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 or 8 seen</td>
<td></td>
<td></td>
<td></td>
<td>(1)</td>
</tr>
<tr>
<td>8c 12 (bowls)</td>
<td>13</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total marks available for calculator paper</strong></td>
<td></td>
<td></td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>
## Assessment record

<table>
<thead>
<tr>
<th>Category</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidate mark for non-calculator paper</td>
<td>/ 8</td>
</tr>
<tr>
<td>Candidate mark for calculator paper</td>
<td>/ 24</td>
</tr>
<tr>
<td>Candidate total mark</td>
<td>/ 32</td>
</tr>
<tr>
<td>Total marks available: 32</td>
<td></td>
</tr>
<tr>
<td>Pass mark: 17</td>
<td></td>
</tr>
</tbody>
</table>

**PRINT Assessor name:**

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

**PRINT IQA’s Name: (if sampled)**

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

**PRINT EQA’s Name: (if sampled)**

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

### Please indicate as applicable:

<table>
<thead>
<tr>
<th>Candidate has achieved</th>
<th>☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidate has not achieved</td>
<td>☐</td>
</tr>
</tbody>
</table>