Pearson Edexcel Functional Skills – Entry 1

Mathematics

Entry 1
Section A – Non-calculator

Sample Entry 1 sample assessment materials for first teaching September 2019

Time: 20 minutes

Candidate name

Candidate signature

Date

You must have a
• black or blue ink pen
• pencil
• ruler
• rubber.

Instructions
• Answer every question.
• You can write or draw to show your answers.
• You must not use a calculator.

Information
• The total number of marks for this section is 5.

Advice
• Read each question carefully.
• Check your work at the end.
• Ask if you do not understand any words.

The Examiner explains
Each paper opens with the same familiar layout including:
• Equipment required
• Instructions candidates must follow
• Information about the marks
• Supportive advice on technique

All candidates should be made aware of this
1 Lela works in a restaurant.

Lela needs to make 15 salads.

She makes 9 salads.

**How many more salads does Lela need to make?** (2)

Show your working and your answer in the box below.
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Valid process to find the number of salads to make, e.g. $15 - 9 = 6$ (salads)</td>
<td>1 or 2</td>
<td>E1.3</td>
</tr>
</tbody>
</table>

The Examiner explains
'Valid process' means any method that is complete and correct

The Examiner explains
References the subject content within the E1 specification
A group of 11 people come into the restaurant.

Lela chooses two tables with a total of 11 seats.

**Which two tables does she choose?**

Tick (✓) the correct tables.

Show your working in the box below.

The Examiner explains

The candidate needs to add numbers and subtract numbers from numbers up to 20
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Valid process to choose tables, e.g. 7 + 4 OR 11 – 7 OR 11 – 4 Indicates correct combination of tables and no others, i.e. 7 (seats) AND 4 (seats)</td>
<td>1 or 2</td>
<td>E1.3</td>
</tr>
</tbody>
</table>
3 Lela gives change to a customer.

She wants to work out 20 take away 11

**How can Lela work out 20 take away 11?**

Tick (✓) the correct answer.

- **20 + 11**
- **20 - 11**
- **11 - 20**
- **11 + 20**

The Examiner explains

The candidate needs to recognise and interpret symbols +, -, and = appropriately.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Indicates 20 − 11 = 9 and no other</td>
<td>1</td>
<td>E1.4</td>
</tr>
</tbody>
</table>

The Examiner explains

Accept any clear indication, for example:
- tick
- cross
- underline
- circling
- highlighting
Pearson Edexcel Functional Skills – Entry 1

Mathematics

Entry 1
Section B – Calculator

Sample Entry 1 controlled assessment materials for first teaching September 2019

Time: 60 minutes

Candidate name

Candidate signature Date

You must have a
• black or blue ink pen
• pencil
• ruler
• rubber
• calculator.

Instructions
• Answer every question.
• You can write or draw to show your answers.
• You may use a calculator.

Information
• The total number of marks for this section is 15.

Advice
• Read each question carefully.
• Check your work at the end.
• Ask if you do not understand any words.

The Examiner explains
Each paper opens with the same familiar layout including
• Equipment required
• Instructions candidates must follow
• Information about the marks
• Supportive advice on technique
All candidates should be made aware of this.

Turn over
Lela works in a restaurant.

The clock shows the time Lela starts work.

What is the time on the clock?

Show your answer in the box below.

The Examiner explains
The candidate needs to read 12 hour digital clocks in hours.

The Examiner explains
If the answer is clearly given, accept even if it is not in the answer box.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8 or eight</td>
<td>1</td>
<td>E1.6</td>
</tr>
<tr>
<td></td>
<td>Accept any common time format</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Lela chooses how to get to work.

She sees this list of journey times.

- bike 12 minutes
- bus 7 minutes
- car 8 minutes
- walk 16 minutes

Lela wants to take the least number of minutes.

**How will Lela get to work?**

Tick (✓) the correct answer.

- bike ( )
- bus ( )
- car ( )
- walk ( )

The Examiner explains
References the subject content within the E1 specification

The Examiner explains
The candidate needs to compare numbers
3 This diagram shows part of the restaurant kitchen.

Where is the sink in the diagram?

Tick (✓) the correct answer.

below the fridge  ( )
above the fridge (  )

to the left of the fridge (  )

to the right of the fridge (  )

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Indicates to the left of the fridge and no other</td>
<td>1</td>
<td>E1.10</td>
</tr>
</tbody>
</table>

The Examiner explains
Accept any clear indication, for example:
- tick
- cross
- underline
- circling
- highlighting
Lela has some carrots and some tomatoes. How many carrots does Lela have?

Show your answer in the box below.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>6 (carrots)</td>
<td>1</td>
<td>E1.12</td>
</tr>
</tbody>
</table>
Lela needs 15 eggs to make cakes. She has these eggs.

Does she have enough eggs to make the cakes?

Show why you think this.

Show your answer in the box below.

________ eggs

Tick (✓) the correct answer.
Yes ( )    No ( )
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>12 (eggs)</td>
<td>1 or</td>
<td>E1.2</td>
</tr>
<tr>
<td></td>
<td>No AND 12 (eggs) OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No AND 3 (eggs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Allow one mark out of two for correct decision based on incorrect value ONLY IF evidence of counting seen, e.g. No AND 9 AND tally/indication on diagram</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Examiner explains
Prompts the candidate to give a decision
1 mark is awarded for showing
Correct counting of eggs with no answer/decision

The Examiner explains
The correct number of eggs AND
A correct decision must be shown to award 2 marks
6  Lela needs a pan.

She chooses the pan that holds the most.

**Which pan does Lela choose?** (1)

Tick (✓) the correct answer.

- holds 12 litres ( )
- holds 16 litres ( )
- holds 10 litres ( )
- holds 15 litres ( )

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Indicates (pan) B or 16 (litres) and no other</td>
<td>1</td>
<td>E1.8</td>
</tr>
</tbody>
</table>

The Examiner explains
The candidate needs to make comparison in words between measures of capacity

The Examiner explains
Accept any clear indication, for example:
- tick
- cross
- underline
- circling

The Examiner explains
Information in brackets is optional; it is not required to award marks
Lela has these packs of flour in January. She uses them in the order of the month on the label.

Which pack will she use first? (1)

Tick (✓) the correct pack.

- June ( )
- March ( )
- September ( )
- April ( )
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Indicates March</td>
<td>1</td>
<td>E1.7</td>
</tr>
</tbody>
</table>

**The Examiner explains**
Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting
8  Lela needs a table with a square top.

Which table has a square top? (1)

Tick (✓) the correct shape.

The Examiner explains
The candidate needs to identify 2-D shapes

The Examiner explains
Accept any clear indication, for example:
- tick
- cross
- underline
- circling
- highlighting
Lela draws a chart to show how many meals she makes.

Lela makes 3 fish meals.

**Show the number of fish meals on the chart**

The Examiner explains

The candidate needs to read the scale on the chart correctly.

The Examiner explains

The candidate needs to show the correct value in the correct position on the chart.

<table>
<thead>
<tr>
<th>Meal</th>
<th>Number of meals</th>
<th>Number of meals that Lela makes</th>
</tr>
</thead>
<tbody>
<tr>
<td>chicken</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>burger</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>pizza</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>fish</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
<td>Mark(s)</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
</tbody>
</table>
| 9        | 3 fish meals shown correctly on the chart  
Accept a clear point, line, column or blocks to show the correct value in the correct position on the chart (above the category label for fish)                                                                 | 1       | E1.13   |

**The Examiner explains**  
The clear point, line, column or block must be shown above the category label fish
A customer chooses a meal from the menu.

<table>
<thead>
<tr>
<th>Menu</th>
<th>Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>lamb</td>
<td>16</td>
</tr>
<tr>
<td>pizza</td>
<td>13</td>
</tr>
<tr>
<td>fish</td>
<td>17</td>
</tr>
<tr>
<td>burger</td>
<td>15</td>
</tr>
<tr>
<td>salad</td>
<td>11</td>
</tr>
<tr>
<td>chicken</td>
<td>14</td>
</tr>
</tbody>
</table>

The customer has £12

**Which meal will the customer choose?**

Show your answer in the box below.

---

The Examiner explains

The candidate needs to read numerical information from lists

The Examiner explains

The candidate needs to read the question carefully to ensure they extract the correct information from the list
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Indicates salad and no other</td>
<td>1</td>
<td>E1.11</td>
</tr>
</tbody>
</table>

**The Examiner explains**

Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting
A customer needs to pay £12

He gives Lela this money.

The customer will also give Lela one coin.

What coin will the customer give Lela?

Use the correct symbol for money.
Show your answer in the box below.

The Examiner explains
The candidate needs to recognise coins and notes and write them in numbers with the correct symbols (£ & p).

The Examiner explains
Award this mark if the candidate has stated 2 without the correct money notation and £ symbol.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>(£)2(.00)</td>
<td>1</td>
<td>E1.5</td>
</tr>
<tr>
<td></td>
<td>Correct use of £ symbol with their value</td>
<td>1</td>
<td>E1.5</td>
</tr>
</tbody>
</table>

The Examiner explains
Award this mark if the candidate has given an incorrect answer but has correct use of a £ symbol.
12 This is how Lela works out a total cost for food.

\[ 11 + 3 = 14 \]

Lela can check her answer in a different way.

**Show how Lela can check her answer.**

Show the check in the box below:

The Examiner explains

The candidates needs to use a different method to check the answer.

The Examiner explains

A repeat of the calculation is not accepted.
The Examiner explains
A reverse calculation using a subtraction is expected here

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Valid check using a different method, e.g. by reverse calculation 14 − 3 (= 11) OR 14 − 11 (= 3) Accept 3 + 11 Do not accept a repeat of the given calculation Accept approximation, e.g. 10 + 3 (= 13)</td>
<td>1</td>
<td>E1.3</td>
</tr>
</tbody>
</table>

The Examiner explains
Information in brackets is optional; it is not required to award marks
Lela makes a tally chart of the meals people choose.

- fish:  
- pizza:  
- burger:  
- curry:  

How many more people choose pizza than curry? (1)

Show your answer in the box below.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Mark(s)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>4 (people)</td>
<td>1</td>
<td>E1.13</td>
</tr>
</tbody>
</table>