**TQUK Functional Skills  
Qualification in Mathematics at Entry Level 3**

Examination Paper: Section B (Calculator)

Sample Assessment

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| **Please complete the details below using black or blue ink. Use BLOCK CAPITALS.** | |
| Learner name: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Learner number: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Date: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Centre name: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Instructions**

* Read each question **carefully.**
* Answer **all** questions.
* Write your answers **clearly** in the spaces provided.
* **Check** your answers.

**Information**

* You **are allowed** to use a calculator for Section B.
* The **maximum** mark for this examination is 30.
* The marks available for each question are shown in **bold** beneath each question.

**Items**

* You **will** need a pen with black or blue ink, a pencil, a ruler and an eraser (for diagrams, graphs and charts only).
* You **will** need a basic calculator.
* You will **not need** any other stationery or equipment.

**Time allowed:** **75** minutes

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| **Do not open this examination paper until you are told to do so.** |

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| **Section B:** | **Calculator** | A calculator |
| There are **30 marks** available in this section.  You **can** use a basic calculator in this section.  You will have **75 minutes** to complete this section. | |

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| **1.** | Write 416 in words. | |
| **Answer** | |  |
| **[1]** | | |

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| **2.** | Write these numbers in order starting with the **lowest**:   |  |  |  | | --- | --- | --- | | 502 | 53 | 520 | | | | | | |
| **Answer** | |  | |  |  | |
| **Lowest** |  | | | **Highest** |
| **[1]** | | | | | | |

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| **Questions continue on the next page.** |

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| **3.** | Jamie travels north-east along a road.  A map of a road with arrows and a black square  Description automatically generated with medium confidence  When they get to a junction, Jamie makes a quarter turn to the left.  Which direction is Jamie now travelling in? | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **4.** | Which fraction is the same as {"mathml":"<mml:math style=\"font-family:Arial;font-size:16px;\" xmlns:m=\"http://schemas.openxmlformats.org/officeDocument/2006/math\" xmlns:mml=\"http://www.w3.org/1998/Math/MathML\"><mml:mstyle mathsize=\"16px\"><mml:mfrac><mml:mn>2</mml:mn><mml:mn>10</mml:mn></mml:mfrac></mml:mstyle></mml:math>","origin":"MathType for Microsoft Add-in"}?  **Tick [✔] one answer:** | |
| **A**  {"mathml":"<mml:math style=\"font-family:Arial;font-size:16px;\" xmlns:m=\"http://schemas.openxmlformats.org/officeDocument/2006/math\" xmlns:mml=\"http://www.w3.org/1998/Math/MathML\"><mml:mstyle mathsize=\"16px\"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>4</mml:mn></mml:mfrac></mml:mstyle></mml:math>","origin":"MathType for Microsoft Add-in"} **[ ]** | | **B**  {"mathml":"<mml:math style=\"font-family:Arial;font-size:16px;\" xmlns:m=\"http://schemas.openxmlformats.org/officeDocument/2006/math\" xmlns:mml=\"http://www.w3.org/1998/Math/MathML\"><mml:mstyle mathsize=\"16px\"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>3</mml:mn></mml:mfrac></mml:mstyle></mml:math>","origin":"MathType for Microsoft Add-in"} **[ ]** |
| **C**  {"mathml":"<mml:math style=\"font-family:Arial;font-size:16px;\" xmlns:m=\"http://schemas.openxmlformats.org/officeDocument/2006/math\" xmlns:mml=\"http://www.w3.org/1998/Math/MathML\"><mml:mstyle mathsize=\"16px\"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>5</mml:mn></mml:mfrac></mml:mstyle></mml:math>","origin":"MathType for Microsoft Add-in"} **[ ]** | | **D** {"mathml":"<mml:math style=\"font-family:Arial;font-size:16px;\" xmlns:m=\"http://schemas.openxmlformats.org/officeDocument/2006/math\" xmlns:mml=\"http://www.w3.org/1998/Math/MathML\"><mml:mstyle mathsize=\"16px\"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:math>","origin":"MathType for Microsoft Add-in"} **[ ]** |
| **[1]** | | |

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| **Questions continue on the next page.** |

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| **5.** | Look at this sequence of numbers.  What is the **next** number in this sequence?   |  |  |  | | --- | --- | --- | | 2 | 9 | 16 | | | |
|  | | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **6.** | A gardener wants to plant a symmetrical design in a flower bed.  The gardener wants to choose the shape with the **most** lines of symmetry.  Which shape should they choose?  **Tick [✔] one answer:**   |  |  | | --- | --- | | **A [ ]** | **B [ ]** | | **C [ ]** | **D [ ]** | |
| **[1]** | |

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| **7.** | Which tool is used to measure the length of a window?  **Tick [✔] one answer:**   |  |  | | --- | --- | | **A [ ]** | **B [ ]** | | **C [ ]** | **D [ ]** | |
| **[1]** | |

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| **8.** | In a local sprint race, the top three runners finished with the following times:   |  |  | | --- | --- | | **Noor** | 13.56 seconds | | **Chen** | 11.91 seconds | | **Blake** | 12.25 seconds |   Which runner finished first? | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **9** | Which clock shows the **latest** time in the day?  **Tick [✔] one answer:**   |  |  | | --- | --- | | A screen with a number of time  Description automatically generated with medium confidence  **A [ ]** | A screen with a time  Description automatically generated  **B [ ]** | | A screen with a clock  Description automatically generated  **C [ ]** | A screen with a black text  Description automatically generated  **D [ ]** | |
| **[1]** | |

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| **10.** | Remi’s train leaves Southampton at 9:30 am.  The train to Manchester takes 4 hours and 15 minutes.  What time will the train arrive in Manchester?  **Give your answer using the 12-hour clock format.** | | |
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|  | | **Answer** |  |
| **[2]** | | | |

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| **11.** | Kim asks 24 people to choose their favourite type of film.  The results are shown in the frequency table:   |  |  | | --- | --- | | **Types of Films** | **Frequency** | | Comedy | 6 | | Horror | 10 | | Action | 5 | | Romance | 3 |   Kim has started to draw a bar chart to show the information.  Complete the bar chart using the information from the frequency table. |
| **[2]** | |

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| **12.** | A teacher is planning a school trip to a zoo.  There are 30 children in the class.  Zoo tickets cost £12 per child.  The teacher has £300 to spend.  Does the teacher have enough money to buy tickets for all the children?  **Show why you think this.** | | |
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|  | | **Answer** |  |
| **[2]** | | | |

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| **13.** | Zuri has 400 millilitres (ml) of milk.  This jug shows how much milk Luca has:  A measuring cup with numbers and letters on it  Description automatically generated  Zuri thinks they have 60 ml **more** milk than Luca.  Is Zuri correct?  **Show why you think this.** | | |
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|  | | **Answer** |  |
| **[2]** | | | |

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| **14.** | Reagan uses ribbon to make bows for gifts.  Each bow needs 70 centimetres (cm) of ribbon.  Reagan has 300 cm of ribbon.  Does Reagan have enough ribbon to make 4 bows?  **Show why you think this.** | | |
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|  | | **Answer** |  |
| **[2]** | | | |

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| **15.** | Femi needs to place 4 markers along a race route.  The first marker is placed at 1.20 kilometres (km).  The second marker is placed at 1.35 km.  The distance between all markers is the same.  Where will the fourth marker be placed? | | |
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|  | | **Answer** | **km** |
| **[2]** | | | |

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| **16.** | This table shows the price list for lunch at a café:   |  |  | | --- | --- | | **Price List** | | | Sandwich | £3.08 | | Drink | £1.48 |   Akir buys a sandwich and a drink.  Work out how much Akir spends.  Give your answer to the nearest **whole** pound.  **Show your workings here:** | | |
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|  | | **Answer** | **£** |
| **[3]** | | | |

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| **17.** | Jude plays 3 video games.  This table shows Jude’s scores:   |  |  |  |  | | --- | --- | --- | --- | |  | **Game 1** | **Game 2** | **Game 3** | | **Score** | 72 | 245 | 392 |   Jude rounds each score to the nearest 100  Jude thinks they scored **more than** 900 points in total, after rounding.  Is Jude correct?  **Show why you think this.** | | |
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|  | | **Answer** |  |
| **[3]** | | | |

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| **18.** | This line graph shows rainfall in the UK from May to August in 2024:  Sol thinks that the rainfall in June was **twice as much** as in May.  Is Sol correct?  **Show why you think this.** | | |
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|  | | **Answer** |  |
| **[3]** | | | |

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| **This is the end of the assessment.** |

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| |  |  |  |  | | --- | --- | --- | --- | | **Pass** |  | **Not Achieved** |  |   **For Assessor use only:**   |  |  |  |  | | --- | --- | --- | --- | |  | **Marks Available** | **Marks Awarded** | **Second Marks** | | Section A | 10 |  |  | | Section B | 30 |  |  | | Total marks | 40 |  |  | |