**13872 Workplace Assessment**

**NQF 2 Contact Centre Support ID 71490 LP 73269**

|  |  |
| --- | --- |
| **Name:**  |  |
| **ID Number:**  |  |
| **Workplace:**  |  |
| **Region:**  |  |
| **Date:**  |  |
| **Signature (to verify this is my own work)**  |  |

### Marking Grid: (For Office Use ONLY)

|  |  |  |
| --- | --- | --- |
| **SECTION**  | **TOTAL**  | **Learner Achievement**  |
| **Activity 1**  |  |  |
| **Activity 2**  |  |  |

|  |  |
| --- | --- |
| **Marked By:**  |  |
| **Date:**  |  |
| **Competent**  | **Not Yet Competent**  |
| **Assessor Sign off:**  |  |
| **Notes:**  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## 7480 Workplace Assignments

### Assignment 1: Use computational tools for estimates and approximations

#### Activity 1.1

1. Round the following number to the nearest 10

10253

1. Round the following number to the nearest 100.

120342

1. Round the following number to the nearest 1 000

583241

1. Round the following fraction to the nearest 10th

1,34

1. Round the following fraction to the nearest 1000th

34,5014

1. Round the following fraction to the nearest 100th

32,501

1. Round the following to the nearest minimum and maximum.

|  |  |  |  |
| --- | --- | --- | --- |
| **Value** | **Round to** | **Minimum** | **Maximum** |
| 340ml | 10ml |  |  |

1. If we say that the rule used to determine the number of significant figures the answer of a calculation should have for multiplication and subtraction is that the number with the least significant figures determines the answer, what is the correct answer for the following:
2. If we say that the rule used to determine the number of significant figures the answer of a calculation should have for multiplication and subtraction is to retain the smallest number of decimal places, what is the correct answer for the following:
3. A man is standing next to a large building. Estimate the height of the building. Show your steps.



1. A box of imported chocolates cost R54.69. Approximately how much will four boxes cost? You must estimate your answer and explain your steps.

### Assignment 2: Relationships among numbers and systems

#### Activity 2.1

1. Convert the following repeating decimals to common fractions

|  |  |
| --- | --- |
| 1,33333 |  |
| 52.535535535 |  |

1. Complete the following table:

|  |  |  |
| --- | --- | --- |
| **Number** | **Name** | **Fraction** |
| .1 |  | 1/10 |
|  | hundredth |  |
| .001 |  |  |
|  |  |  |

1. Round off the following numbers to 3 decimal numbers.

|  |
| --- |
| 1.256784 =  |
| 22.22222 =  |
| 8.989993 =  |

1. Convert the following fractions to decimal form

|  |  |
| --- | --- |
| **1/2**  |  |
| **1/3**  |  |
| **1/4**  |  |
| **1/5**  |  |
| **1/6**  |  |
| **1/7**  |  |
| **1/8**  |  |
| **1/9**  |  |
| **1/10**  |  |

1. Write the following in scientific notation:

|  |
| --- |
| 12345m= |
| 0,12m =  |
| 1mm =  |