

## GAUTENG DEPARTMENT OF EDUCATION

## GRADE 9

## MEMORANDUM

|  |  |  |
| --- | --- | --- |
| **SUBJECT** | **:** | **MATHEMATICS** |
| **TASK 1.1** | **:** | **ASSIGNMENT** |
| **TIME** | **:** | **1 HOUR** |
| **MARKS** | **:** | **50** |

This assessment task consists of 4 pages

****

**Question 1 Multiple Choice**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| * 1. **D** | **1.2.B** | **1.3. B** | **1.4 D** | **1.5. A** | **1.6. B** | **1.7. B** | **1.8. C** |

**Question 2**

|  |  |  |
| --- | --- | --- |
| Question | Solution | Mark Allocation |
| 2.1. |  | * Formula * Substitution * Answer( in hours and minutes) |
| 2.2. |  | * Simplification * Answer |
| 2.3.1. | Direct. As the one variable increases, the other one increases. | * Direct * Correct explanation |
| 2.3.2. | Cost for 1minute  Or | * R1,65 * Answer   Or   * Ratio * Simplification * Answer |
| 2.3.3. | Duration of a call  Or | * Ratio * Answer * Answer |

**Question 3**

|  |  |  |
| --- | --- | --- |
| **Question** | **Solution** | **Mark Allocation** |
| 3.1.1. | 3.1.1. 0,1  3.1.2. 10%  3.1.3.  3.1.4. 75%  3.1.5.  3.1.6. 0, | * Per Answer |
| 3.2.1. |  | * Converting to common fractions * Simplification * Answer |
| 3.2.2. |  | * 3 * 2 |
| 3.2.3. |  | * Writing as similar fractions * Changing division to multiplication * Answer |
| 3.3. | -3,35 ; -3,305 ; -3 ; 0 ; 3,15 ; 3,4 | * If one mistake done * (two ,if the arrangement is correct) |
| 3.4. | 453,4778453,48 | * 453,48 |

**Question 4**

|  |  |  |
| --- | --- | --- |
| **Question** | **Solution** | **Mark Allocation** |
| 4.1. | Profit = | * Profit (R30) * Answer |
| 4.2. | **Compound Interest**  **Simple Interest** | * Formula * Substitution * Answer for C.I * Formula * Substitution * Answer for S.I. * Choosing the best option |