**NAME OF THE HIGH/SECONDARY SCHOOL**



# COMMON ASSIGNMENT MEMO 2016

**D9 JE**

**GRADE 9**

MATHEMATICS

# 2014

# SCHOOL BASED ASSESSMENT TASK

# MARKS: 50

# WEIGHTED MARK: 10

# SUGGESTED TIME: 1 hour

# TERM 1: Investigation

**INVESTIGATION**

**2015**

**MARKS: 50**

**GRADE 9:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION A** | | |  |
| **Question 1** | | |  |
|  | 1.1 | B | (1) |
| 1.2 | C | (1) |
| 1.3 | C | (1) |
| 1.4 | D | (1) |
| 1.5 | A | (1) |
| 1.6 | A | (1) |
| 1.7 | C | (1) |
| 1.8 | A | (1) |
| 1.9 | B | (1) |
| 1.10 | D | (1) |
|  | | | **[10]** |

|  |  |  |
| --- | --- | --- |
| **SECTION B** | | |
| **Question 2** | | |
| 2.1 | R800🗸🗸 | | (2) |
| 2.2 | 🗸  🗸 | | (2) |
| 2.3 | 🗸🗸  Selling price = R250-00 – R32,50 = R217,50 🗸 | | (3) |
| 2.4 | and  🗸 🗸🗸 | | (3) |
| 2.5 | Amount🗸🗸 | | (2) |
| 2.6 | 🗸  🗸  = 🗸 | | (3) |
| 2.7 | 56,67 7,90🗸🗸  🗸  R447,69 | | (3) |
|  | | | **[18]** |
| **Question 3** | | | |
| 3.1 | 🗸 | | (1) |
| 3.2 | −5 (−3 + 7) 20 ÷ (−4)  🗸  20 5  🗸  25 | | (2) |
| 3.3 | 🗸 | | (1) |
| 3.4 | 0,00125 = 1, 25🗸 × 10-3 🗸 | | (2) |
| 3.5 | = 🗸  🗸  🗸  HCF 🗸🗸 | | (5) |
| 3.6 | 🗸  🗸 | | (2) |
|  | | | **[13]** |
| **Question 4** | | | |
| Simplify the following: | | |  |
|  | 4..1 | 🗸  🗸 | (2) |
| 4..2 | (*t* ³)³  🗸  🗸 | (2) |
| 4..3 | 🗸  🗸 | (3) |
|  | 4.4 | 🗸  🗸 | (2) |
|  | | | **[9]** |
| **TOTAL: 50** | | | |

**FORMULA-SHEET**

|  |  |
| --- | --- |
| Simple Interest: | Compound Interest: |