

## GAUTENG DEPARTMENT OF EDUCATION

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| **Memorandum** | | |
| **SUBJECT** | **:** | **MATHEMATICS** |
| **GRADE** | **:** | **9** |
| **TASK** | **:** | **Term 3 Test** |
| **MARKS** | **:** | **50** |
| **DURATION** | **:** | **1 Hour** |

**INSTRUCTIONS AND INFORMATION**

**1. Give full marks for answers only, unless stated otherwise.**

**2. Accept any alternate correct solutions that are not included in the marking guideline.**

**3. Underline errors committed by learners and apply Consistent Accuracy (CA).**

**This Marking Guideline consist of 5 Pages.**

|  |  |  |  |  |  |  |  |  |  |
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| QUESTION 1 | | | | | | | | | |
| 1.1 | C | |  |  | | | |  | (1) |
| 1.2 | B | |  |  | | | |  | (1) |
| 1.3 | B | |  |  | | | |  | (1) |
| 1.4 | D | |  |  | | | |  | (1) |
| 1.5 | D | |  |  | | | |  | (1) |
|  | | | | | | | | | **[5]** |
| QUESTION 2 | | | | | | | | | |
| **a.** | 2 |  | | |  | | |  | (5) |
| **b.** | 12 |  | | |  | | |  |  |
| **c.** | 9 |  | | |  | | |  |  |
| **d.** | 3 |  | | |  | | |  |  |
| **e.** |  |  | | |  | | |  |  |
|  |  | | | | | | |  | **[5]** |
| QUESTION 3 | | | | | | | | | |
|  | 3.1.1 | For | | | | | |  | (2) |
|  | 3.1.2 |  | | | | | |  | (1) |
|  | 3.1.3 |  | | | | | |  | (1) |
|  | 3.1.4. and 3.1.5. |  | | | | | |  | (5) |
|  | 3.1.6. | Read off from the drawn graphs | | | | | |  | (2) |
|  | | | | | | | | | **[11]** |
| QUESTION 4 | | | | | | | | | |
| 4.1 |  | | | | | | |  | (3) |
| **4.1.1.** | Translate 2 units to the left, and 4 units up. | | | | |  | |  |  |
| **4.1.2.** | (8;3) | | | | |  | |  |  |
| **4.1.3.** | (-6; -1) | | | | |  | |  |  |
|  | 4.2.1. |  | | | | | |  | (3) |
|  | 4.2.2. | Write the rule that you used to reflect the object in **QUESTION 4.2.1** in the form: | | | | | |  | (2) |
|  |  | | | | | | |  | **[8]** |
| QUESTION 5 | | | | | | | | |  |
| 5.1. |  | | | | | |  | | (9) |
| 5.2. |  | | | | | |  | | (4) |
|  |  | | | | | | | | **[13]** |

|  |  |  |  |  |
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|  | QUESTION 6 | | |  |
| 6.1. | d and v | ✓ ✓ |  |  |
| 6.2. | e and iv | ✓ ✓ |  |  |
| 6.3. | c and ii | ✓ ✓ |  |  |
| 6.4. | b and iii | ✓ ✓ |  |  |
|  |  | | | **[8]** |

|  |  |
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| **Total** | **50 Marks** |