

## GAUTENG DEPARTMENT OF EDUCATION

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| **LEARNER’S NAME & SURNAME** | **:** |  |
| **SUBJECT** | **:** | **MATHEMATICS** |
| **GRADE** | **:** | **7** |
| **TASK** | **:** | **ASSIGNMENT 1** |
| **TIME** | **:** | **2 HOURS** |
| **MARKS** | **:** | **50** |

**This assessment task consists of 5 pages**

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| INSTRUCTIONS |  |  |

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| 1. | This Question Paper consists of 5 questions and 7 pages. Answer ALL Questions. |  |  |

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| |  |  | | --- | --- | | 2. | Read through the questions carefully and make sure that you allocate enough time for each question. | |  |  |  |

3. Calculators are not allowed.

4. Show all calculations

5. It is at your best interest to write neatly and legibly

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**QUESTION 1: Ordering, Odd numbers, Even numbers, Prime numbers and Composite** **numbers**

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| 1.1 | Write the numbers in ascending and descending order:  **Ascending order:**  **Descending order:** | 2 |
| 1.2 | Write in the symbol ˂ or ˃to make the statement true. | 1 |
| 1.3 | Which of the following are odd numbers?  **Odd numbers:** | 2 |
| 1.4 | Write the set of all even numbers between and  **Even numbers:** | 2 |
| 1.5 | Which of the following are prime numbers:  **Prime numbers:** | 2 |
| 1.6 | Which of the following are composite numbers:  **Composite numbers:** | 1 |

**[10]**

**QUESTION 2: Rounding off, Addition, Subtraction, Multiplication and Division**

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| 2.1 | Round to the nearest ten. | 1 |
| 2.2 | Add the following: | 2 |
| 2.3 | Determine: | 2 |
| 2.4 | Find the following product: | 2 |
| 2.5 | Divide and check the quotient and remainder:  **Quotient =**  **Remainder =** | 3 |

**[10]**

**QUESTION 3 Multiple, Factors, HCF and LCM**

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| 3.1 | List multiples of less than :  **Multiples of less than** | 2 |
| 3.2 | Write down the prime factors of :  **Prime factors of {** | 2 |
| 3.3 | Find the HCF of | 3 |
| 3.4 | Find the LCM for | 3 |

**[10]**

**QUESTION 4: Ratio, Loans and Simple Interest**

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| 4.1 | A profit of is to be divided between three persons Sibusiso, John and Thabo in the ratio respectively. Find the share of each. | 4 |
| 4.2 | If Tebogo borrowed a loan of from Maria at per annum rate of interest, then find the amount to be given by Tebogo to Maria after years. | 3 |
| 4.3 | Calculate the S.I. on for years at p.a |  |

**[10]**

**QUESTION 5: EXPONENTS**

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| 5.1 | Express the following in exponents: | 2 |
| 5.2 | Expand the following and find the value: | 2 |
| 5.3 | Express 625 as a power of 5. | 2 |
| 5.4 | Simplify: | 2 |
| 5.5 | Determine the and | 2 |

**[10]**