

**Numeracy**

**Cohort** Primary

**Country** Uganda

**Language** English



**Note:** This is an assessment used in classrooms for the Schools2030 programme. It is being shared to demonstrate the approaches to assessment that Schools2030 is developing.

For those interested in using or adapting this tool, further information including teacher guides, psychometric analysis, and other supplementary materials are available on request.



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| **NUMBER RECOGNITION** |

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| ITEM 1 | ***Instruction:*** *Ask the pupil to identify the numbers below.*   |  |  | | --- | --- | | 1,733 | 2,241 | | 7,367 | 2,119 | | 5,278 | 4,501 | | 3,400 | 8,462 | | 6,977 | 9,013 | |
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| **Note:** If a pupil can identify 5/10 letter numbers correctly, proceed to the 99,999 level. If a child is unable to recognise 5/10 numbers correctly, thank the child, and stop the test.  **Instruction:** Record the numbers that were recognised correctly (these numbers will transfer to a capture sheet for numeracy). | |

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| **NUMBER RECOGNITION** |

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| ITEM 2 | ***Instruction:*** *Ask the pupil to identify the numbers below.*   |  |  | | --- | --- | | 24,395 | 53,249 | | 32,249 | 95,423 | | 81,908 | 72,568 | | 56,473 | 77,986 | | 23,035 | 62,005 | |
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| **Note:** If a pupil can identify 5/10 letter numbers correctly, proceed to the place value level below. If a child is unable to recognise 5/10 numbers correctly, thank the child, and stop the test.  **Instruction:** Record the numbers that were recognised correctly (these numbers will transfer to a capture sheet for numeracy). | |

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| **PLACE VALUE** |

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| ITEM 3 | ***Instruction:*** *Ask the pupil to identify the place values in the table below.*   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | Ten thousand | Thousands | Hundreds | Tens | Ones | | 724 |  |  |  |  |  | | 1,573 |  |  |  |  |  | | 73,842 |  |  |  |  |  | | 57,613 |  |  |  |  |  | | 7,005 |  |  |  |  |  | |
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| **Note:** If a pupil can identify place values for 2/5 numbers correctly, proceed to addition of numbers below. If a child is unable to recognise place values for at least 2/5 numbers correctly, thank the child, and stop the test.  **Instruction:** Record the numbers that were correctly identified (these will be later transferred to a capture sheet for numeracy). | |

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| **ADDITION** |

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| ITEM 4 | ***Instruction:*** *Ask the pupil to add the numbers below.*   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 45  + 43 | 61  + 13 | 843  + 151 | 3,734  + 3,275 | 5,548  + 3,703 | |  |  |  |  |  | |
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| **Instruction:** Record the number of the numbers that were correctly added (these will be later transferred to a capture sheet for numeracy). | |

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| **SUBTRACTION** |

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| ITEM 5 | ***Instruction:*** *Ask the pupil to subtract the numbers below.*   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 746  - 295 | 881  - 718 | 7,879  - 4,993 | 5,614  - 5,128 | 6,132  - 2,718 | |  |  |  |  |  | |
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| **Note:** If a pupil can subtract 2 out of the 5 numbers correctly, proceed to multiplication of numbers below. If a pupil is unable subtract at least 2 out of 5 numbers correctly, thank him/her, and stop the test.  **Instruction:** Record the number that were correctly subtracted (these will be later transferred to a capture sheet for numeracy) | |

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| **MULTIPLICATION** |

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| ITEM 6 | ***Instruction:*** *Ask the pupil to multiply the numbers below.*   |  |  |  | | --- | --- | --- | | 3 ´ 8 = | 67 ´ 4 = | 75 ´ 5 = | |  |  |  | |  |  |  | | 122 ´ 15 = | 596 ´ 20 = |  | |  |  |  | |  |  |  | |  |  |  | |
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| **Note:** If a pupil can multiply 2 out of the 5 numbers correctly, proceed to division of numbers below. If a pupil is unable to multiply at least 2 out of 5 numbers correctly, thank him/her, and stop the test.  **Instruction:** Record the number that were correctly multiplied (these will be later transferred to a capture sheet for numeracy). | |

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| **DIVISION** |

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| ITEM 7 | ***Instruction:*** *Ask the learner to divide the numbers below.*   |  |  |  | | --- | --- | --- | | 6 ÷ 2 = | 12 ÷ 4 = | 48 ÷ 8 = | | 210 ÷ 10 = | 112 ÷ 28 = |  | |  |  |  | |  |  |  | |
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| **Note:** If a pupil can divide 2 out of the 5 numbers correctly, proceed to division of numbers below. If a pupil is unable divide at least 2 out of 5 numbers correctly, thank him/her, and stop the test.  **Instruction:** Record the number that were correctly divided (these will be later transferred to a capture sheet for numeracy). | |

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| **WORD PROBLEMS** |

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| ITEM 8 | ***Instruction:*** *Read to the pupil the two word problems below.* |
|  | **1.** A town has 240 children and 455 adults. How many people are in the town? |
|  | **2.** Musa harvested 1,547 bags of maize. He sold 1,239 bags. How many bags are left? |
| **Instruction:** Record the number that were correctly answered (these will be later transferred to a capture sheet for numeracy).  **END OF NUMERACY TEST** | |