**RAPID MATHEMATICS ASSESSMENT**

**GRADE 3**

**TEACHER’S BOOKLET**

*Dear teacher,*

*In any assessment, it is important thatyou have read the general instructions and have studied the assessment tasks carefully before you administer them.*

*This Rapid Mathematics Assessment toolkit consists of the following:*

* *Teacher’s Booklet*

*This is your guide in administering the assessment. It consists of the tasks, the time allotted for each task, the answers, and the instructions that you will give to the learner. You will also see some icons which are described below.*

* *Learner’s Booklet*

*It contains the tasks that the learners need to perform, either orally or in writing. There should be one booklet for each learner.*

* *Learner’s Score Sheet*

*This is where you indicate the score of the learner for each item. You will also see a column for Remarks where you write incorrect answers, strategy used, and other important information regarding the learner’s responses.*

|  |  |
| --- | --- |
| A silhouette of a person's head        Description automatically generated with medium confidence | Tells you to read orally to the learner |
| A hand pointing at a book  Description automatically generated with low confidence | Instructions for you to do before and during the assessment |
| Hourglass Finished with solid fill | Allotted time for each task |
| Stopwatch outline | Allotted time for each subtask |

*Be sure that you have the complete kit before starting the assessment.*

**General Instructions**

*Remember to establish a relaxed rapport and comfortable environment with the learner. You may start some simple conversations about topics that you think may interest him/her. You have about one to two minutes to do this. It will be good that the learner perceives this assessment as something like a game or an activity to be enjoyed rather than as a test that learners dread.*

*Tell the learner the following:*

*This is NOT a test and your score will not affect your grade in mathematics. There are some tasks that are needed to be answered orally and some by writing in your booklet. You need to do each task within a given time. I will use a timer to know when the time is up.*

*When the child is ready, start the assessment.*

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| --- | --- | --- | --- |
| **Task A:  Number Identification** | **4 points** | | 30 seconds |
| Here are four squares.  Ari ang apat ka kwadrado. A silhouette of a person's head        Description automatically generated with medium confidence  Odd Numbers Even Numbers  Odd nga mga Numero Even nga mga Numero  Write any two odd numbers between 100 and 115 in the **first two squares.** A silhouette of a person's head        Description automatically generated with medium confidence   1. Isulat ang duha ka odd nga mga numero sa tunga sang 100 and 115 **sa una** nga duha ka mga kwadrado.   Write any two even number between 100 and 115 in the **last two squares.** A silhouette of a person's head        Description automatically generated with medium confidence   1. Isulat ang duha ka even nga mga numero sa tunga sang 100 and 115 **sa ulihi** nga duha ka mga kwadrado**.**      |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline  15 seconds  *A1a and A1b. Any two of the following odd numbers:*  *101, 103, 105, 107, 109, 111, 113*  Stopwatch outline  15 seconds  *A2a and A2b. Any two of the following even numbers:*  *102, 104, 106, 108, 110, 112, 114* |
|
| **Task B:  Number Discrimination** | **3 points** | | 90 seconds |
| Study the fractions below.  Tun-i ang fractions sa idalum. A silhouette of a person's head        Description automatically generated with medium confidence      Give the learners **30 seconds** to study the set of factions.  Encircle the fractions that are less than  Bilugi ang fractions nga mas manubo sa .A silhouette of a person's head        Description automatically generated with medium confidence   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline  60 seconds  Answers:  *B1 – B3.*  *,* |
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| **Task C:  Missing Fractions** | **3 points** | | 60 seconds |
| The points in the number line are equally spaced.  Palareho ang distansiya sang kada pintok sa number line. A silhouette of a person's head  Description automatically generated with medium confidence  Give the learners **15 seconds** to study the number line.    2  3  0  1  2  What fraction should be placed in each rectangle? Write your answers in the booklet.  Ano nga fraction ang dapat isulat sa kada rektanggulo? Isulat ang inyo sabat sa booklet.   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline  45 seconds  Answers:  *C1.*  *C2.*  *C3.* |
| **Task D:  Missing Numbers** | | **3 points** | 60 seconds |
| Study the number patterns carefully. What number should be placed  in each rectangle? Write your answers in the booklet.  Tun-i sing maayo ang number patterns. Ano nga numero ang dapat isulat sa kada rektanggulo? Isulat ang inyo sabat sa booklet.  A silhouette of a person's head  Description automatically generated with medium confidence   1. 8 000, 7 000, 6 000, , 4 000, 3 000 2. 9 100, 9 095, 9 090, 9 085, 9 080, 3. 9 999, 10 005, 10 011, 10 017, , 10 029  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Answers:  *D1. 5 000*  *D2. 9 075*  *D3. 10 023* |
| **Task E: Addition** | | **4 points** | 100 seconds |
| Make sure you have the following materials prepared.  A hand pointing at a book  Description automatically generated with low confidence  (flat) (long) (short) | | |  |
| This small cube is ones, this long is tens, and this flat is hundreds. Using these materials, the number **123** is represented as shown.  Ang gamay nga cubes nagapakita sang ones, ang malaba nagapakita sang tens, kag ang matapan nagapakita sang hundreds. Ang numero nga **123** ginapakita gamitang mga ini.A silhouette of a person's head  Description automatically generated with medium confidence  Give the learner **10 seconds** to study the representation of the given number.A hand pointing at a book  Description automatically generated with low confidence  123  (100)  (20)  (3) | | |  |
| A silhouette of a person's head  Description automatically generated with medium confidence Find the sum of the numbers represented by the shorts, longs, and flats. Isulat ang kabilugan nga numero nga ginapakita sang gamay, malaba kag matapan nga cubes.   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | 30 secondsStopwatch outline  Answer:  *E1: 1 163* |
| Answer the following.  Sabti ang mga masunod.A silhouette of a person's head  Description automatically generated with medium confidence  2.   |  |  |  | | --- | --- | --- | | 1. 232   + 145 | 1. 2 673   + 1 585 | 1. 2 325   + 2 496 |  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 60 secondsStopwatch outline  Answers:  *E2a. 377*  *E2b. 4 258*  *E2c. 4 821* |
| **Task F: SUBTRACTION** | | **4 points** | 75 seconds |
| Answer the following.  A silhouette of a person's head  Description automatically generated with medium confidenceSabti ang mga masunod.  1.   |  |  |  | | --- | --- | --- | | a)  176  - 121 | b)  458  - 260 | c)  1 209  - 124 |  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 45 secondsStopwatch outline  Answers:  *F1a. 55*  *F1b. 198*  *F1c. 1 085* |
| Listen carefully to the problem that I am going to read  Pamatii sing maayo ang word problem nga akon pagabasahon. A silhouette of a person's head  Description automatically generated with medium confidence   1. *Word Problem*   Maria bought grocery items amounting to P2,456.00. If she paid P3,000.00, how much change did she receive?  Nagbakal si Maria sang grocery items nga nagabili sang P2,456.00. Kon nagbayad sia sang P3,000.00, pila ang sinsilyo nga iya dapat mabaton?A silhouette of a person's head  Description automatically generated with medium confidence   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Answer:  *F2. P544.00* |
| **Task G: Multiplication** | | **5 points** | 120 seconds |
| Read the questions slowly and clearly. You may point to the drawing or numbers presented in the problem.A hand pointing at a book  Description automatically generated with low confidence    Karen has a set of 10-peso and 5-peso coins arranged as shown. How much money does she have in all?  May ara Si Karen nga set sang mga sinsilyo sang napulo ka pisos kag lima ka pisos nga pareho sang ginapakita sa laragway. Pila tanan ang iya nga kwarta? A silhouette of a person's head  Description automatically generated with medium confidence    1.   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Answer:  *G1. P200.00* |
| Answer the following  Sabti ang mga masunod:A silhouette of a person's head  Description automatically generated with medium confidence  2.   |  |  |  |  | | --- | --- | --- | --- | | a)  23  X 4 | b)  321  X 5 | c)  26  X 12 | d)  234  X 40 |  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 90 secondsStopwatch outline  Answers:  *G2a. 92*  *G2b. 1 605*  *G2c. 312*  *G2d. 9 360* |
| **Task H: Division** | | **4 points** | 1. seconds |
| Place 42 counters in front of the learner.A hand pointing at a book  Description automatically generated with low confidence  Here are 42 counters. Divide them into seven equal groups. How  many counters are there in each group?   * + - 1. Ari ang 42 counters. I-divide ini sa pito ka grupo. Pila ka counters ang ara sa kada grupo?A silhouette of a person's head           Description automatically generated with medium confidence  |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Answer:  *H1. 6 or 6 counters* |
| Answer the following.  Sabti ang mga masunod.A silhouette of a person's head  Description automatically generated with medium confidence  2.   1. 60 6 = \_\_\_\_\_ 2. 73 9 = \_\_\_\_\_  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 30 secondsStopwatch outline  Answers:  *H2a. 10*  *H2b. 8 remainder 1* |
| Listen carefully to the problem that I am going to read.  Pamatii sing maayo ang word problem nga akon pagabasahon. A silhouette of a person's head  Description automatically generated with medium confidence   1. *Word Problem:*   Elmer has 176 atis. He puts an equal number of atis in 8 baskets. How many atis are in each basket?  May ara si Elmer nga 176 ka atis. Iya ginsulod ang equal nga numero sang atis sa 8 ka mga basket. Pila ka mga atis ang ara sa kada basket?A silhouette of a person's head  Description automatically generated with medium confidence     |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Answer:  *H3. 22 or 22 mangoes* |
| **Task I:  Geometric Representation** | | **4 points** | 60 seconds |
| Use any rectangular box without square faces.  A hand pointing at a book  Description automatically generated with low confidence  Look at this box.  Tun-i ang laragway sang kahon. A silhouette of a person's head      Description automatically generated with medium confidence  Trace two line segments in this box that are congruent.  1. I-trace ang 2 ka linya nga congruent sa kahon.A silhouette of a person's head          Description automatically generated with medium confidence  Trace two line segments in this box that are parallel.A silhouette of a person's head          Description automatically generated with medium confidence  2. I-trace ang 2 ka duha line segments nga parallel sa kahon.  Trace two line segments in this box that are intersecting.  3. I-trace ang duha ka line segments nga intersecting sa kahon.A silhouette of a person's head          Description automatically generated with medium confidence  Trace two line segments in this box that are perpendicular.  4. I-trace ang duha ka line segments nga perpendicularA silhouette of a person's head      Description automatically generated with medium confidence sa kahon.   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline  15 seconds  Answers:  I1. Congruent  *Any two of the following:*  *OR*  *Any two of the following:*  OR  *Any two of the following:*  Stopwatch outline  15 seconds  Answers:  I2. Parallel  *Any two of the following:*  *OR*  *Any two of the following:*  OR  *Any two of the following:*  15 secondsStopwatch outline  Answers:  I3. Intersecting:  *Any two edges/sides of the box that share the same endpoint/corner*  15 secondsStopwatch outline  Answers:  I4. Perpendicular: *Any two edges/sides of the box that share the same endpoint/corner* |