INSTRUCTIONS TO THE VOLUNTEER.
This booklet contains 4 samples of tests indicated as Test 1, Test 2, Test 3 and Test 4, for English, Kiswahili and Numeracy.
The bonus test is on the last page of the booklet.
Administer the test to all the children aged 6-16 years.

- Only administer one set of tests to each child.
- The other sets are there to be administered in case a household has more than one child.
- Remember: Only children who can read a STORY or HADITHI should do the comprehension / ufahamu questions.
- Tick the highest level the child can do in the SURVEY BOOKLET.
- Give the ethno math and bonus test to all the children aged 6-16 years regardless of their level in reading or numeracy.
- Measure MUAC for all children aged 6 months - 5 years and record the readings.

Remember:
- Let the child hold the test booklet
- Let the child sit comfortably
- Give the child a second chance in case the child does not do well in the first attempt
- Listen carefully without interrupting
- Be patient with the child
Letters / Letter sounds

- p
- r
- f
- u
- l
- v
- n
- d
- a
- h

Words

- buy
- look
- test
- sing
- cat
- toy
- clay
- fun
- teach
- like

Did you test the previous child, using this set? If so please use the next set

- Start here for all children aged 6-16 years
- The child should read any 5. At least 4 letters / letter sounds should be read correctly
- If the child reads the letters/letter sounds, take him/her to the WORDS
- If the child cannot read any 4 of the chosen 5 correctly, mark him or her at the NON-READER LEVEL

- Give these to the child who can read the letters / letter sounds
- The child should read any 5. At least 4 words should be read correctly
- If the child reads the words, take him/her to the PARAGRAPH
- If the child cannot read at least 4 words, mark him or her at LETTER LEVEL
Mary has a very big garden. Her friend gave it to her. She has grown flowers on it. The flowers look good.

John is not feeling well. He will miss school today. His father gave him medicine. He will get well soon.

Martin had seven white chicks. An eagle ate five of the chicks. Martin was very angry. He wanted to trap the eagle. He did not know how to trap it. His friend Tom suggested they could use a rat.

The boys went to look for a rat. They saw one entering a hole. They dug deep into the hole. A big snake came out of the hole. The boys ran away screaming loudly. They did not trap the eagle.

1. Why was Martin angry?
2. Why were the boys digging into the hole?
<table>
<thead>
<tr>
<th>Silabi</th>
<th>Maneno</th>
</tr>
</thead>
<tbody>
<tr>
<td>ba</td>
<td>bega</td>
</tr>
<tr>
<td>cho</td>
<td>sifu</td>
</tr>
<tr>
<td>di</td>
<td>ndugu</td>
</tr>
<tr>
<td>fu</td>
<td>toka</td>
</tr>
<tr>
<td>ge</td>
<td>lenga</td>
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<td></td>
<td>kiti</td>
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<tr>
<td></td>
<td>supu</td>
</tr>
<tr>
<td></td>
<td>ota</td>
</tr>
<tr>
<td></td>
<td>pete</td>
</tr>
<tr>
<td></td>
<td>hama</td>
</tr>
</tbody>
</table>

- Start here for all children aged 6-16 years
- The child should read any 5 syllables. At least 4 should be read correctly
- If the child reads the syllables, take him/her to MANENO
- If the child cannot read at least 4 of the chosen 5 syllables correctly, mark him or her at the HAWEZI LEVEL

- Give these to the child who can read the syllables
- The child should read any 5 words. At least 4 should be read correctly
- If the child reads the words, take him/her to the AYA
- If the child cannot read at least 4 words, mark him or her at SILABI LEVEL

*Did you test the previous child, using this set? If so please use the next set*
Aya ya Kwanza

Aya ya pili

Hadithi

1. Kwa nini kulikuwa na karamu nyumbani?
2. Mama alifanya matayarisho gani ya karamu?
**Count & Match**

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<table>
<thead>
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</thead>
<tbody>
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<td></td>
<td>7</td>
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<td>9</td>
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<td>2</td>
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<td>6</td>
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<td>1</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

- Start here for all children aged 6-16 years
- Let the child attempt any FIVE sets and match with the number
- At least FOUR PAIRS must be correct to move to NUMBER RECOGNITION
- If the child does not get at least four, mark him/her at NON-NUMERATE LEVEL

**Number recognition 10-99**

<table>
<thead>
<tr>
<th>25</th>
<th>13</th>
<th>48</th>
<th>97</th>
</tr>
</thead>
<tbody>
<tr>
<td>84</td>
<td>62</td>
<td>70</td>
<td>56</td>
</tr>
</tbody>
</table>

- Give these to the child who has done count and match correctly
- Let the child choose and read any FIVE numbers above
- At least FOUR must be correct to move to ADDITION
- If the child does not get a least 4 pairs mark him/her at COUNT AND MATCH LEVEL

**Addition**

<table>
<thead>
<tr>
<th>54</th>
<th>12</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>+21</td>
<td>+62</td>
<td>+50</td>
</tr>
<tr>
<td>66</td>
<td>40</td>
<td>25</td>
</tr>
<tr>
<td>+11</td>
<td>+47</td>
<td>+33</td>
</tr>
</tbody>
</table>

- Give these to the child who has done number recognition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to be moved to SUBTRACTION
- If the child does not do at least two correctly mark him/her at NUMBER RECOGNITION LEVEL

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*Did you test the previous child, using this set? If so please use the next set*
**Multiplication**

4 x 5 = 2 x 4 = 5 x 2 =

3 x 3 = 5 x 4 = 3 x 2 =

**Subtraction**

26 - 14 = 83 - 50 = 58 - 38 =

97 - 66 = 40 - 20 = 76 - 43 =

**Division**

4 ÷ 2 = 24 ÷ 3 = 18 ÷ 3 =

20 ÷ 2 = 6 ÷ 3 = 10 ÷ 2 =

**Ethno-Math**

Give these to the child who has done multiplication correctly
Let the child choose and do any THREE
At least TWO must be correct to be marked at DIVISION LEVEL

Exercise book 500 gms of salt Pencil

Ksh. 23 Ksh. 10 Ksh. 15

1. Nafula was sent to a shop to buy one pencil and one exercise book. How much did she pay?
2. Ruto was given 50 shillings to buy one packet of salt. How much money was he left with after buying?

Give these questions to all children 6 - 16 years
Questions may be asked in any language that the child understands
The child may answer by writing or orally
Provide writing materials
Did you test the previous child, using this set? If so please use the next set.
John lives in Bahati village. He lives with his wife Ann. They live near Lake Naivasha. John likes to fish in the lake. Ann cooks the fish for her family. The family loves to eat fish.

John has got two children. They are Tom and Mary. Tom always goes fishing with his father. Mary does not like fishing. She likes helping her mother in the kitchen. Tom and Mary work very hard. Their parents love them very much.

1. What does John like to do?
2. Who is the mother of Tom?
Did you test the previous child, using this set? If so please use the next set.

Aya ya Kwanza

Aya ya pili


1. Juma na Kanini husomea shule gani?
2. Mwalimu huwapa mazoezi siku ngapi kwa wiki?
NUMERACY TEST (2)

Count & Match

<table>
<thead>
<tr>
<th>2</th>
<th>4</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Start here for all children aged 6-16 years
- Let the child attempt any FIVE sets and match with the number
- At least FOUR PAIRS must be correct to move to NUMBER RECOGNITION
- If the child does not get at least four, mark him/her at NON-NUMERATE LEVEL

Number recognition 10-99

<table>
<thead>
<tr>
<th>82</th>
<th>43</th>
<th>65</th>
<th>98</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>77</td>
<td>20</td>
<td>14</td>
</tr>
</tbody>
</table>

- Give these to the child who has done count and match correctly
- Let the child choose and read any FIVE numbers above
- At least FOUR must be correct to move to ADDITION
- If the child does not get at least 4 pairs mark him/her at COUNT AND MATCH LEVEL

Addition

<table>
<thead>
<tr>
<th>16</th>
<th>64</th>
<th>70</th>
</tr>
</thead>
<tbody>
<tr>
<td>+53</td>
<td>+24</td>
<td>+10</td>
</tr>
<tr>
<td>22</td>
<td>30</td>
<td>53</td>
</tr>
<tr>
<td>+77</td>
<td>+36</td>
<td>+44</td>
</tr>
</tbody>
</table>

- Give these to the child who has done number recognition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to be moved to SUBTRACTION
- If the child does not do at least two correctly mark him/her at NUMBER RECOGNITION LEVEL

Did you test the previous child, using this set? If so please use the next set
# NUMERACY TEST (2)

## Subtraction

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>46</td>
<td>85</td>
<td>71</td>
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<tr>
<td>-12</td>
<td>-60</td>
<td>-21</td>
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<tbody>
<tr>
<td>89</td>
<td>40</td>
<td>59</td>
</tr>
<tr>
<td>-55</td>
<td>-30</td>
<td>-13</td>
</tr>
</tbody>
</table>

- Give these to the child who has done addition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to move to MULTIPLICATION
- If the child does not get at least two, mark him/her at ADDITION LEVEL

## Division

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<table>
<thead>
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<tbody>
<tr>
<td>4 ÷ 2 =</td>
<td>24 ÷ 3 =</td>
<td>14 ÷ 2 =</td>
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</tbody>
</table>

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<tbody>
<tr>
<td>21 ÷ 3 =</td>
<td>12 ÷ 3 =</td>
<td>6 ÷ 2 =</td>
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</table>

- Give these to the child who has done multiplication correctly
- Let the child choose and do any THREE
- At least TWO must be correct to move to DIVISION LEVEL

## Multiplication

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<table>
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<tbody>
<tr>
<td>2 x 5 =</td>
<td>3 x 2 =</td>
<td>5 x 3 =</td>
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<tbody>
<tr>
<td>4 x 3 =</td>
<td>2 x 2 =</td>
<td>3 x 4 =</td>
</tr>
</tbody>
</table>

- Give these to the child who has done subtraction correctly
- Let the child choose and do any THREE
- At least TWO must be correct to move to DIVISION
- If the child does not get at least two, mark him/her at SUBTRACTION LEVEL

## Ethno-Math

Bar of soap Ksh. 20
Comb Ksh. 15
Pair of scissors Ksh. 42

1. Oluoch bought one pair of scissors and one comb. How much money did he pay?
2. Fatuma was sent to buy one bar of soap and gave the shopkeeper a 50 shillings note. How much money did the shopkeeper give her back?

- Give these questions to all children 6 - 16 years
- Questions may be asked in any language that the child understands
- The child may answer by writing or orally
- Provide writing materials
### Letters / Lettersound

| f | s |
| v | d |
| p | u |
| r | q |
| e | t |

### Words

- rub
- moon
- swim
- egg
- sand
- doll
- bus
- day
- dream
- hide

**Did you test the previous child, using this set? If so please use the next set**

1. Start here for all children aged 6-16 years
2. The child should read any 5. At least 4 letters/letter sounds should be read correctly
3. If the child reads the letters/letter sounds, take him/her to the WORDS
4. If the child cannot read any 4 of the chosen 5 correctly, mark him/her at the NON-READER LEVEL

1. Give these to the child who can read the letters/letter sounds
2. The child should read any 5. At least 4 words should be read correctly
3. If the child reads the words, take him/her to the PARAGRAPH
4. If the child cannot read at least 4 words, mark him/her at LETTER LEVEL
Paragraph 1

Look at that orange tree. There is a nest on it. A bird lives in the nest. It sings very well every morning.

Paragraph 2

Sam has one white cow. The cow stays in a cowshed. It gives him milk daily. I buy the milk every evening.

Story

Mary and Jane are good friends. They go to the same school. There are many children in the school. The children are going on a trip today. They will visit the game park. Their teacher will go with them.

Osman is waiting for them at the park. He works there as a guide. He will take the children round the park. They will see many wild animals. The children will write about the visit. The teacher will mark their books.

1. Where will Mary and Jane go for the trip?
2. Why is Osman waiting for the children?
### STADI ZA KISWAHILI (3)

**Silabi**

- sa
- ku
- me
- ni
- po

**Maneno**

- hu
- lo
- vi
- be
- tha
- keti
- pata
- kisu
- lete
- punda
- mate
- fomu
- choma
- ita
- debe

**Instructions:**
- Start here for all children aged 6-16 years
- The child should read any 5 syllables. At least 4 should be read correctly
- If the child reads the syllables, take him/her to MANENO
- If the child cannot read at least 4 of the chosen 5 syllables correctly, mark him or her at the HAWEZI LEVEL

- Give these to the child who can read the syllables
- The child should read any 5 words. At least 4 should be read correctly
- If the child reads the words, take him/her to the AYA
- If the child cannot read at least 4 words, mark him or her at SILABI LEVEL

**Did you test the previous child, using this set? If so please use the next set**


1. Familia ya Mzee Muteti wanapata nini kwa kula samaki?
2. Mama ya Juma ni nani?
**NUMERACY TEST (3)**

### Count & Match

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<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
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<tr>
<td>4</td>
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<tr>
<td>7</td>
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</tbody>
</table>

- Start here for all children aged 6-16 years
- Let the child attempt any FIVE sets and match with the number
- At least FOUR PAIRS must be correct to move to NUMBER RECOGNITION
- If the child does not get at least four, mark him/her at NON-NUMERATE LEVEL

### Number recognition 10-99

- 37 82 65 98
- 70 23 54 11

- Give these to the child who has done count and match correctly
- Let the child choose and read any FIVE numbers above
- At least FOUR must be correct to move to ADDITION
- If the child does not get at least 4 pairs mark him/her at COUNT AND MATCH LEVEL

### Addition

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<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>40</td>
<td>73</td>
<td>21</td>
</tr>
<tr>
<td>+50</td>
<td>+13</td>
<td>+26</td>
</tr>
<tr>
<td>55</td>
<td>66</td>
<td>30</td>
</tr>
<tr>
<td>+11</td>
<td>+23</td>
<td>+42</td>
</tr>
</tbody>
</table>

- Give these to the child who has done number recognition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to be moved to SUBTRACTION
- If the child does not do at least two correctly mark him/her at NUMBER RECOGNITION LEVEL

*Did you test the previous child, using this set? If so please use the next set*
## Subtraction

<table>
<thead>
<tr>
<th>80</th>
<th>95</th>
<th>77</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 40</td>
<td>- 45</td>
<td>- 42</td>
</tr>
<tr>
<td>38</td>
<td>62</td>
<td>59</td>
</tr>
<tr>
<td>- 27</td>
<td>- 22</td>
<td>- 30</td>
</tr>
</tbody>
</table>

- Give these to the child who has done addition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to move to MULTIPLICATION
- If the child does not get at least two, mark him/her at ADDITION LEVEL

## Division

<table>
<thead>
<tr>
<th>9 ÷ 3 =</th>
<th>20 ÷ 2 =</th>
<th>15 ÷ 3 =</th>
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</thead>
<tbody>
<tr>
<td>18 ÷ 2 =</td>
<td>24 ÷ 3 =</td>
<td>4 ÷ 2 =</td>
</tr>
</tbody>
</table>

- Give these to the child who has done multiplication correctly
- Let the child choose and do any THREE
- At least TWO must be correct to be marked at DIVISION LEVEL

## Ethno- Math

- Toothbrush Ksh. 30
- Milking Jelly Ksh. 24
- Cabbage Ksh. 15

1. Leshan bought one milking jelly and one cabbage. How much money did he pay?
2. Chebet was sent to buy one toothbrush and gave the shopkeeper a 50 shillings note. How much money did the shopkeeper give her back?

- Give these questions to all children 6 - 16 years
- Questions may be asked in any language that the child understands
- The child may answer by writing or orally
- Provide writing materials
### Reading Test (4)

**Letters / Lettersound**

- h
- u
- s
- t
- k
- z
- w
- x
- o
- m

**Words**

- run
- stick
- rat
- drum
- Leaf

- cook
- dog
- neck
- say
- hide

- Start here for all children aged 6-16 years
- The child should read any 5. At least 4 letters / letter sounds should be read correctly
- If the child reads the letters/letter sounds, take him/her to the WORDS
- If the child cannot read any 4 of the chosen 5 correctly, mark him or her at the NON-READER LEVEL

- Give these to the child who can read the letters/letter sounds
- The child should read any 5. At least 4 words should be read correctly
- If the child reads the words, take him/her to the PARAGRAPH
- If the child cannot read at least 4 words, mark him or her at LETTER LEVEL

*Did you test the previous child, using this set? If so please use the next set*
Joy has a new car. It is white in colour. She drives her car every morning. She keeps the car very clean.

Ann is a farmer. Her farm is near our school. She has planted many trees. The farm is very green.

Kanini goes to Kolo Primary School. Her friends go to the same school too. It is the only school in her village. The school is near a big market place. It has a big playground. Children love to play on that playground.

Kanini is in class two. Her class teacher is called Zaida. She teaches English and Science. Teacher Zaida likes children who work hard in class. She is not happy when children fail. Kanini loves her school very much.

1. Where do the children go to play?
2. When is the teacher sad?
### STADI ZA KISWAHILI (4)

**Silabi**

<table>
<thead>
<tr>
<th>zi</th>
<th>be</th>
</tr>
</thead>
<tbody>
<tr>
<td>do</td>
<td>wu</td>
</tr>
<tr>
<td>su</td>
<td>ta</td>
</tr>
<tr>
<td>ja</td>
<td>mo</td>
</tr>
<tr>
<td>le</td>
<td>dhi</td>
</tr>
</tbody>
</table>

**Maneno**

<table>
<thead>
<tr>
<th>kamba</th>
<th>ona</th>
</tr>
</thead>
<tbody>
<tr>
<td>jino</td>
<td>piga</td>
</tr>
<tr>
<td>sare</td>
<td>moshi</td>
</tr>
<tr>
<td>pata</td>
<td>simu</td>
</tr>
<tr>
<td>karo</td>
<td>tua</td>
</tr>
</tbody>
</table>

- Start here for all children aged 6-16 years
- The child should read any 5 syllables. At least 4 should be read correctly
- If the child reads the syllables, take him/her to MANENO
- If the child cannot read at least 4 of the chosen 5 syllables correctly, mark him or her at the HAWEZI LEVEL

- Give these to the child who can read the syllables
- The child should read any 5 words. At least 4 should be read correctly
- If the child reads the words, take him/her to the AYA
- If the child cannot read at least 4 words, mark him or her at SILABI LEVEL

Let the child choose any of the two paragraphs and read
If the child reads the paragraph, take him/her to the HADITHI
If the child cannot read the paragraph (makes more than 2 mistakes), mark him/her at MANENO LEVEL


1. Ni wanyama gani waliotajwa katika hadithi?
2. Kwa nini Jongoo ni kipofu?

Let the child choose any of the two paragraphs and read
If the child reads the paragraph, take him/her to the HADITHI
If the child cannot read the paragraph (makes more than 2 mistakes), mark him/her at MANENO LEVEL

Only give the story to children who have correctly read the paragraph
If the child cannot read the story, (makes more than 4 mistakes) mark him/her at AYA LEVEL
If the child reads the story, mark him/her at HADITHI LEVEL
The two questions should only be given to a child who is at story level
NUMERACY TEST (4) 2015

Count & Match

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

- Start here for all children aged 6-16 years
- Let the child attempt any FIVE sets and match with the number
- At least FOUR PAIRS must be correct to move to NUMBER RECOGNITION
- If the child does not get at least four, mark him/her at NON-NUMERATE LEVEL

Number recognition 10-99

<table>
<thead>
<tr>
<th>32</th>
<th>86</th>
<th>15</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>53</td>
<td>29</td>
<td>64</td>
<td>71</td>
</tr>
</tbody>
</table>

- Give these to the child who has done count and match correctly
- Let the child choose and read any FIVE numbers above
- At least FOUR must be correct to move to ADDITION
- If the child does not get a least 4 pairs mark him or her at COUNT AND MATCH LEVEL

Addition

<table>
<thead>
<tr>
<th>20</th>
<th>+60</th>
<th>31</th>
<th>+51</th>
<th>88</th>
<th>+11</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td></td>
<td>35</td>
<td></td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>+25</td>
<td></td>
<td>+32</td>
<td></td>
<td>+66</td>
<td></td>
</tr>
</tbody>
</table>

- Give these to the child who has done number recognition correctly
- Let the child choose and do any THREE
- At least TWO must be correct to be moved to SUBTRACTION
- If the child does not do at least two correctly mark him/her at NUMBER RECOGNITION LEVEL
**NUMERACY TEST (4)**

**Subtraction**

<table>
<thead>
<tr>
<th>38</th>
<th>57</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>-16</td>
<td>-30</td>
<td>-23</td>
</tr>
<tr>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>89</td>
<td>70</td>
<td>99</td>
</tr>
<tr>
<td>-44</td>
<td>-50</td>
<td>-65</td>
</tr>
</tbody>
</table>

**Division**

\[
\begin{align*}
9 \div 3 &= \quad 24 \div 3 &= \quad 10 \div 2 = \\
22 \div 2 &= \quad 15 \div 3 &= \quad 6 \div 2 = \\
\end{align*}
\]

1. Give these to the child who has done multiplication correctly
2. Let the child choose and do any THREE
3. At least TWO must be correct to be marked at DIVISION LEVEL

**Ethno-Math**

- Cup Ksh. 40
- Mango Ksh. 15
- Pineapple Ksh. 35

1. Rono bought one mango and one pineapple. How much money did he pay?
2. Njeri was sent to buy one cup and gave the shopkeeper a 50 shillings note. How much money did the shopkeeper give her back?

**Multiplication**

\[
\begin{align*}
5 \times 2 &= \quad 3 \times 2 &= \quad 5 \times 3 = \\
2 \times 3 &= \quad 4 \times 4 &= \quad 3 \times 4 = \\
\end{align*}
\]

- Give these to the child who has done subtraction correctly
- Let the child choose and do any THREE
- At least TWO must be correct to move to MULTIPLICATION
- If the child does not get at least two, mark him/her at ADDITION LEVEL

**Questions**

- Give these questions to all children 6 - 16 years
- Questions may be asked in any language that the child understands
- The child may answer by writing or orally
- Provide writing materials
Who are these people?

1. Show these to all children aged 6 - 16 years.
2. Ask the child to name the person in the picture.
3. Tick appropriately in the survey booklet.