AFRICAN POPULATION AND HEALTH RESEARCH CENTER
EDUCATION RESEARCH PROGRAMME

EVALUATION OF THE EQUAL INTERVENTION (KE_ENDLINE_JUNE/JULY 2011)
LEARNER NUMERACY ASSESSMENT TOOL FOR STD 1-3 (Q306a_NUM)

BACKGROUND INFORMATION

1.1 START TIME

1.2 DATE OF INTERVIEW (DD/MM/YYYY)

1.3 FIELD INTERVIEWER'S (FI) CODE

1.4 COUNTRY 1=KENYA; 2=UGANDA

1.5 NAME OF DISTRICT 1=KWALE; 2=KINANGO; 3=DOKOLO; 4=AMOLATAR

1.6 NAME OF DIVISION/SUB-COUNTY

1.7 NAME OF ZONE

1.8 NAME OF CLUSTER

1.9 FULL NAME OF THE SCHOOL

1.10 FULL NAME OF PUPIL

1.11 CLASS/GRADE e.g. 1A, 2A, 3A

1.12 CURRENT NATIONAL EXAMINATION INDEX FOR THE SCHOOL

1.13 PREVIOUS NATIONAL EXAMINATION INDEX FOR THE SCHOOL

1.14 END TIME [USE 24 HR CLOCK]

GENERAL INSTRUCTIONS TO THE PUPIL

• Read these instructions carefully.
• If you are in Standard/primary 1, answer number 1 to 15 and any other question that you may be able to answer.
• If you are in Standard/primary 2, answer number 1 to 30 and any other question that you may be able to answer.
• If you are in Standard/primary 3, answer ALL the questions
• It is important that you answer each question carefully and as accurately as possible.
• Show all your working in the space provided.
• Please return the completed questionnaire to the research assistant. All information in this questionnaire will be treated confidentially.
• Thank you very much for the time and effort you have put into responding to this questionnaire.
1. How many oranges do you see? _____________

2. Match the pictures with the number.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

3. Write the number of cups____________________
4. How many tens and ones make the number 33?
   33 = ___ tens + ___ ones

5. Arrange the boxes from the one with the least objects to the one with the most objects.  
   (Write your answer in the spaces provided below).
   ______  ______  ______  ______

6. Arrange the balls from biggest to smallest.  (Write your answer in the spaces provided below).
   ______  ______  ______  ______  ______

7. Add the numbers  8+6 = _______

8. Add the numbers  2 + 6 + 3 = __________

9. Apio has 4 mangoes and John has 5 mangoes. How many mangoes do they have altogether? _______
10. 68 - 34 = ______

11. 9 cars - 4 cars = ______

12. What are these coins?

_____________________      __________________   ___________________
13. Which carries more water? ______________

Cup

Gourd

14. Which is lighter? ________________

Hen

Cow

15. Look at the shapes. Which one is a circle? ________________

A

B

C
16. Match the object against the correct number.

<table>
<thead>
<tr>
<th>Object</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>★ ★ ★</td>
<td>4</td>
</tr>
<tr>
<td>★ ★</td>
<td>3</td>
</tr>
<tr>
<td>★ ★ ★ ★</td>
<td>2</td>
</tr>
</tbody>
</table>

17. Write the following numbers in words.

26 = __________________________
15 = __________________________
74 = __________________________
47 = __________________________

18. 457 = _____ hundreds _____ tens and _____ ones

19. 132 + 230+ 617 = _______

20. There are 45 children in Mrs Juma’s classroom and 50 children in Mr. Otieno’s classroom. How many children are there altogether?

21. In a school of 289 pupils, 215 pupils attended school on Monday. How many were absent?
22. 90, 80, 70, _____, _____, 40.

23. Multiply

\[ \begin{array}{c}
\text{X} \\
\end{array} \begin{array}{c}
\text{_______} \\
\end{array} \begin{array}{c}
\text{=} \\
\end{array} \begin{array}{c}
\text{_______} \\
\end{array} \]

24. Atieno has 9 mangoes. She shares them equally among 3 children, how many mangoes does each child get?

25. Which of the following can be used to measure the teacher's desk?

- Crooked stick
- Shoe lace
- Meter ruler
26. Which one is heavier?  

27. Which one holds more milk, pot A or pot B?  

28. If today is **Thursday**, then tomorrow will be?  
29. Complete the pattern below by shading in the boxes.

![Pattern](image)

30. What shape are these figures? __________________

![Shapes](image)

31. Write 92 in words. ____________________

32. Place the following numbers in the place values

<table>
<thead>
<tr>
<th></th>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>1234</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d.</td>
<td>86</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Five pupils in Asha’s class got the following marks:

<table>
<thead>
<tr>
<th></th>
<th>Mathematics</th>
<th>English</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary</td>
<td>62</td>
<td>65</td>
<td>97</td>
</tr>
<tr>
<td>John</td>
<td>70</td>
<td>75</td>
<td>57</td>
</tr>
<tr>
<td>Juma</td>
<td>90</td>
<td>68</td>
<td>72</td>
</tr>
<tr>
<td>Hassan</td>
<td>85</td>
<td>50</td>
<td>78</td>
</tr>
<tr>
<td>Asha</td>
<td>58</td>
<td>89</td>
<td>64</td>
</tr>
</tbody>
</table>

a) Who scored the highest in Mathematics? _____________

b) Who scored the lowest in English? _____________

c) What position was Mary placed in Science? ____________
34. Shade the fraction \( \frac{4}{8} \)

35. Complete the following using ‘greater than’, ‘less than’ or ‘equal to’.

For example: \( \frac{1}{2} \) greater than \( \frac{1}{8} \)

\[
\frac{4}{8} \quad \frac{2}{4}
\]

36. Mary is nine years old. Her mother is 33 years old. What is the total age of Mary and her mother?

37. \[3986 - 2527 = \quad \]

38. Fill in the blank:

\[2 + 2 + 2 = \quad \times 2 = 6\]
39. Mother divided 36 mangoes equally among 6 children. How many did each child get?

40. Add:

\[
\begin{array}{c}
\phantom{+}275 \\
\hline
+150 \\
\hline
\end{array}
\]

Meters

41. Auma bought 4 kg of meat and Okello bought 2 kg of meat more than Auma. How many kilogrammes of meat did they buy altogether?

42. You have 54 Kenya shillings and you want to divide the money equally among 9 children. How much money does each child have?

43. How many weeks are there in 63 days?
44. Complete the pattern below to make the right side equal to the left.

45. How many triangles are there in the figure below? ______________