AFRICAN POPULATION AND HEALTH RESEARCH CENTER
EDUCATION RESEARCH PROGRAMME
ERP_CS_2012
LEARNER NUMERACY ASSESSMENT TOOL FOR STD 3 (Q306a_NUM)

BACKGROUND INFORMATION

1.1	START TIME	
1.2	DATE OF INTERVIEW (DD/MM/YYYY)	
1.3	FIELD INTERVIEWER'S (FI) CODE	
1.5	NAME OF TOWN 1=NAIROBI;2=MOMBASA;3=NYERI;4=NAKURU;5=ELDORET;6=KISUMU	
1.9	FULL NAME OF THE SCHOOL	
1.10	FULL NAME OF PUPIL	
1.10A	PUPIL ID **[TO BE ASSIGNED AT DATA ENTRY]**	
1.11	CLASS/GRADE e.g. 3A, 3W, 3G	
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.

- 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? _____
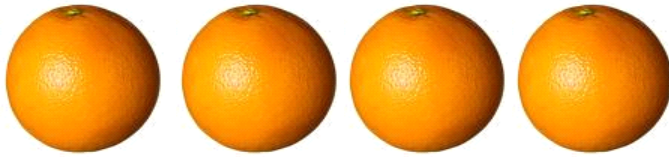
2. Match the pictures with the number.
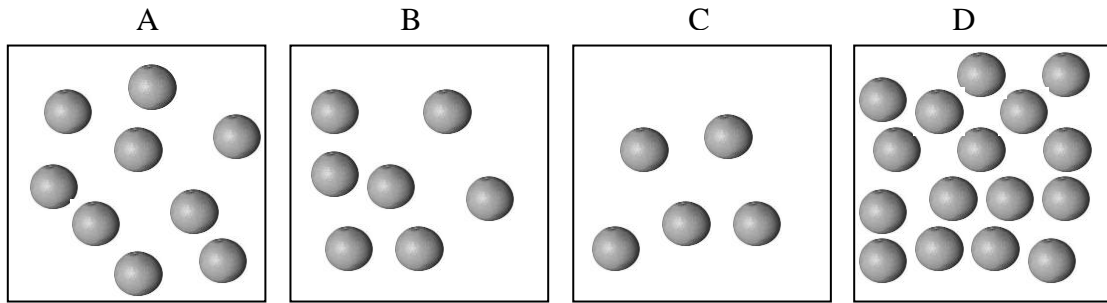
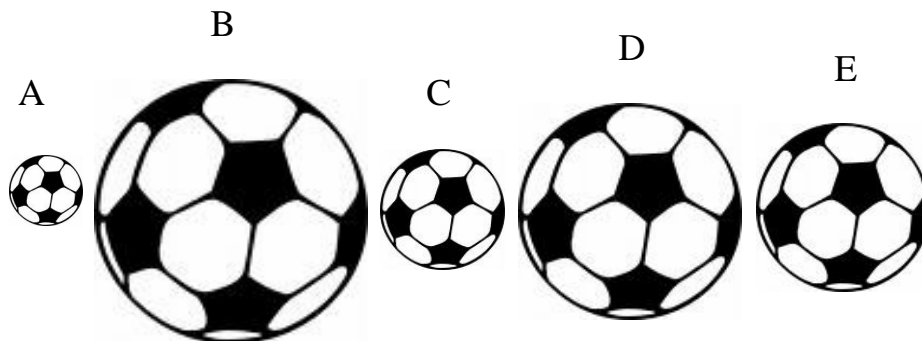|	
	3
	2

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**).*

    _____   _____   _____   _____

    A   B   C   D

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

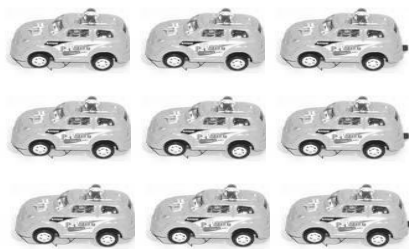   _____   _____   _____   _____   _____

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

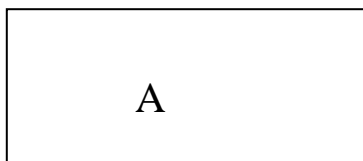14. Which is lighter? _____

Hen   **Cow**
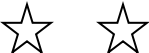
15. Look at the shapes. Which one is a circle? _____

A

B

C
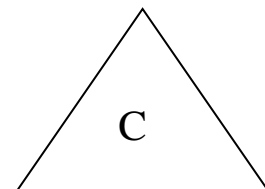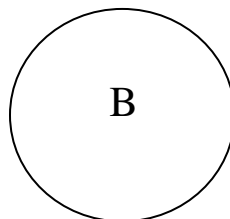
16. Match the object against the correct number.

Object	Number
☆ ☆ ☆	4
☆ ☆	3
☆ ☆ ☆ ☆	2

17. Write the following numbers in words.

26 = _____

15 = _____

74 = _____

47 = _____

18. 457 = _____ hundreds _____ tens and _____ ones
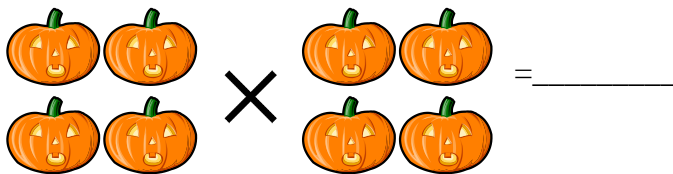
19. 132 + 230+ 617 = _____

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

 =_____

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?
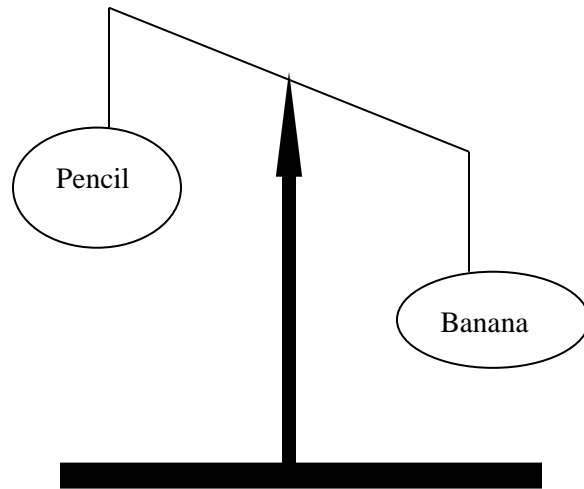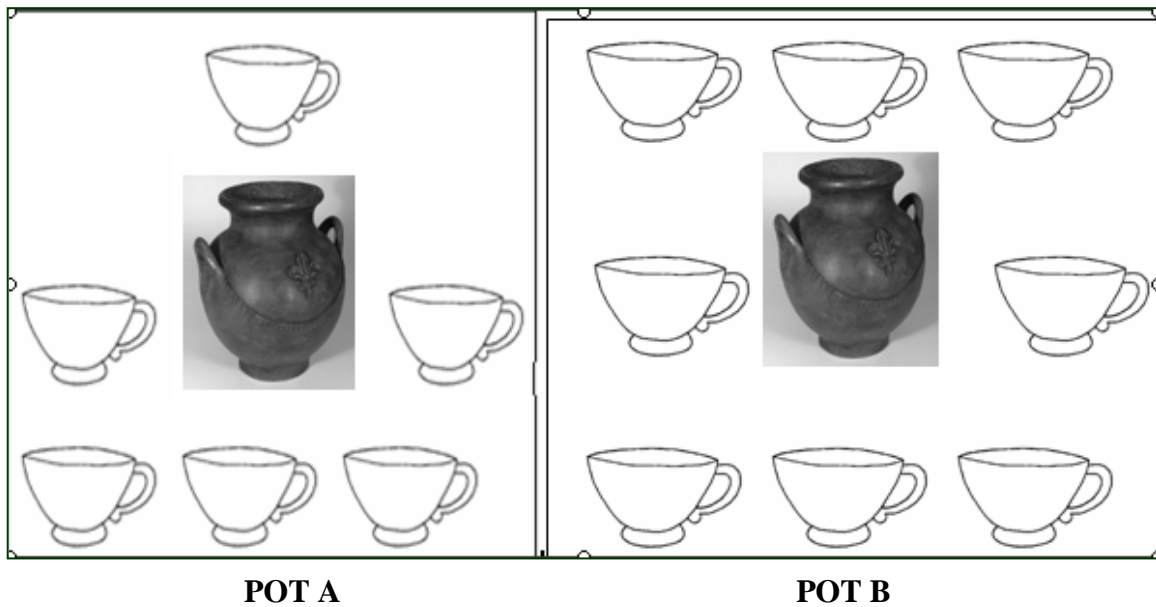
    _____

 Crooked stick
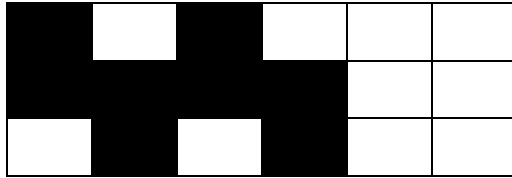
 Meter ruler

 Shoe lace

26. Which one is heavier? _____

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

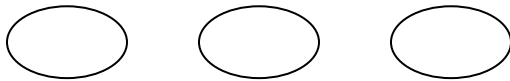

POT A	POT B

28. If today is **Thursday**, then tomorrow will be? _____

29. Complete the pattern below by shading in the boxes.

30. What shape are these figures? _____

31. Write 92 in words. _____

32. Place the following numbers in the place values

		Thousands	Hundreds	Tens	Ones
a.	1234				
b.	600				
c.	7				
d.	86				

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

	Mathematics	English	Science
Mary	62	65	97
John	70	75	57
Juma	90	68	72
Hassan	85	50	78
Asha	58	89	64

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 4/8
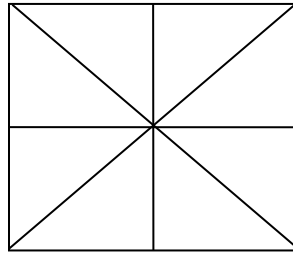
35. Complete the following using ''greater than'', "less than" or ''equal to'' .

For example: $\frac{1}{2}$ _greater than_ $\frac{1}{8}$

$\frac{4}{8}$ ————————— $\frac{2}{4}$

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=** ☐

38. Fill in the blank:

2+ 2 + 2 = ☐ **x 2 = 6**

39. Mother divided 36 mangoes equally among 6 children. How many did each child get?

40. Add:

```
    2  7  5   Meters
+   1  5  0   Meters
  _____
  
  _____
```

41. Auma bought 4kg 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.

LEFT   RIGHT
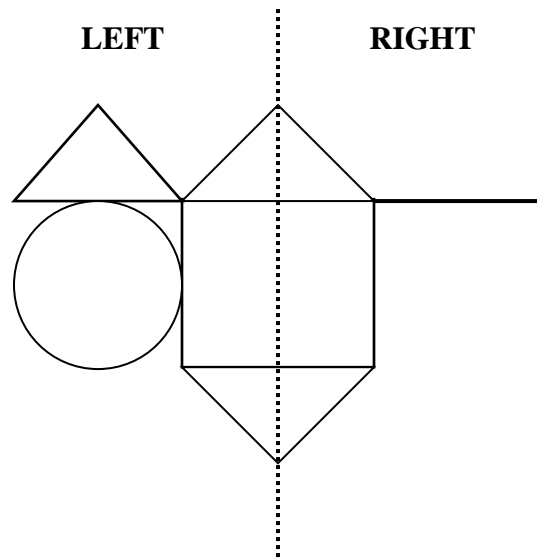
45. How many triangles are there in the figure below? _____