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PRIMARY TWO LESSON NOTES FOR TERM ONE 2023

LESSON: I

THEME: OUR SCHOOL AND NEIGHBOURHOOD

SUBTHEME: Location, symbols and benefits of our school.

CONTENT:

Counting numbers 1 – 99

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	

ACTIVITY I

Fill in the missing numbers.

1	2	3	4	5	…..	……	8	……	10
11	…..	13	14	….	…..	17	18	……	20
21	22	…..	…..	25	26	……	……	29.	……
….	32	33	….	…..	…..	37	……	……	40
41	…..	…..	44	…..	…..	….	48	…….	50

ACTIVITY II

Colour the double numbers in the table above.

REFERENCES: **MK PRI. MATHS PUPIL'S BOOK 2 PAGE 62 – 63.**
MATHEMATICS WORK BOOK BOOK 2 PAGE 1.
UNDERSTANDING MATHEMATICS BOOK 2 PAGE 47.

LESSON II
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: Location, symbols and benefits of our school.
CONTENT:

WRITING NUMBERS 1 – 50 IN WORDS.

1	one	9	nine	17	seventeen
2	two	10	ten	18	eighteen
3	three	11	eleven	19	nineteen
4	four	12	twelve	20	twenty
5	five	13	thirteen	21	twenty one
6	six	14	fourteen	22	twenty two
7	seven	15	fifteen	23	twenty three
8	eight	16	sixteen	24	twenty four
30	thirty	40	forty	50	fifty

ACTIVITY I

1. Write the following numbers in words.

a) 16……
b) 3……
c) 40……
d) 13……
e) 26……
f) 22……
g) 12……
h) 39……

2. Write the following in figures

a) eleven……
b) fifteen……
c) five……
d) thirteen……
e) twenty five……
f) thirty nine……
g) nineteen……

3. Match the figures to their words.

50	twenty seven
13	nineteen
27	fifty
8	thirteen
19	eight

REFERENCES: MK MATHES PUPIL'S BK 2 PAGE 62.

LESSON III
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUBTHEME: Location, symbols and benefits of our school.
CONTENT:

WRITING NUMBERS 50 – 100 IN WORDS.

50	fifty	51	fifty one	55	fifty five
60	sixty	61	sixty one	66	sixty six
70	seventy	73	seventy three	77	seventy seven
80	eighty	78	seventy eight	89	eighty nine
90	ninety	84	eighty four	96	ninety six
100	one hundred	88	eighty eight	99	ninety nine

ACTIVITY

Write the following numbers in words.

a) 53……
b) 54……
c) 62……
d) 65……
e) 76……
f) 70……
g) 89……
h) 86……
i) 90……
j) 99……

REFERENCE: NPSC PUPIL'S BK 2 PAGE 15
MK MATHS PUPIL'S BK 2 PAGE 26.
NPSC FOR UGANDA TR'S GUIDE 2 PAGE 83.

LESSON IV
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUBTHEME: Location, symbols and benefits of our school.
CONTENT:

NUMBER SEQUENCES IN ASCENDING ORDER.

Ascending order means arranging from the smallest to the biggest.

Examples.

1, 2, 3, 4, 5, 6, 7, ……
16, 17, 18, 19, 20, 21, ……..
25, 26, 27, 28, 29, 30, ……
40, 41, 42, 43, 44, 45, ……..
84, 85, 86, 87, 88, 89, …….

ACTIVITY I

Fill in the missing numbers

6, …… 8, ……, 10, ……, 12, ……., ……..., 15
35, ……, 37, ……, ……, 40, ……, 42, 43, ……, 45.
63, 64, ……, 66, ……, ……., 69, ……, ……, ……, 73
89, 90, ……, 92, ……, 94, ……, 96, ……, 98, ……..

ACTIVITY II

Arrange the following numbers in ascending order (Smallest to biggest)

a) 42, 45, 40, 44, 43, 41
b) 19, 16, 20, 17, 18, 15
c) 66, 72, 69, 70, 67, 71, 68.

REFERENCES: MK MATHS PUPIL'S BK 2 PAGE 18
UNDERSTANDING MATHS BK 2 PAGE 28.

LESSON V AND VI
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUBTHEME: LOCATION, SYMBOLS AND BENEFITS OF OUR SCHOOL.
CONTENT:

NUMBER SEQUENCES IN DESCENDING ORDER (BIGGEST TO SMALLEST)

Examples.

4, 3, 2, 1, 0.

10, 9, 8, 7, 6, 5, 4, 3, 2, 1.

20, 19, 18, 17, 16, 15, 14, 13, 12, 11.

90, 80, 70, 60, 50, 40, 30, 20, 10.

ACTIVITY I

Fill in the missing numbers.

a) 99, 98, ….., ….., 95, ….., ….., 92.
b) 77, ….., ….., 74, ….., 72, …… , 70.
c) 46, 45, ……, ……, 42, 41, ……., 39.
d) 18, ……, ……., 15, ……..., 13
e) 55, 54, 53, ……..., ……..., ……., 49.

ACTIVITY II

Arrange the following in descending order (from the biggest to smallest)

a) 50, 51, 52, 53, 54.
b) 76, 77, 73, 75, 74.
c) 91, 93, 90, 94, 92, 95.
d) 87, 86, 84, 85, 88, 83.

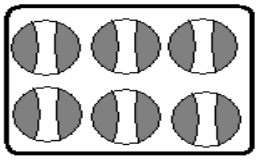
REFERENCES: MK MATHS TEACHER'S BK 2 PAGE 17
MK MATHS PUPIL'S BK 2 PAGE 28

LESSON VII
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUBTHEME: LOCATION, SYMBOLS AND BENEFITS OF OUR SCHOOL.
CONTENT:

NAMING AND DRAWING SETS.

What is a set?

A set is a collection of well defined objects or things and ideas.



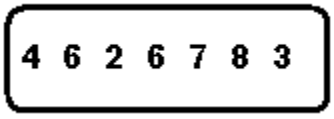
A set of 6 balls.



A set of 3 sticks.



A set of 6 chairs

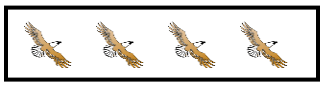


A set of 7 numbers.

Set A =  is a set of 4 shapes.

ACTIVITY I

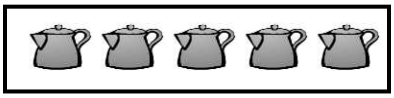
Count and name the sets given below.



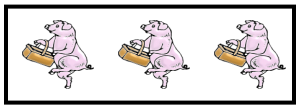
A set of .....



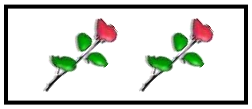
A set of .....



A set of .....



A set of .....



A set of .....

ACTIVITY II

Draw the following sets.

a) A set of 5 boys.

b) A set of 7 flowers.

c) A set of 4 chairs.

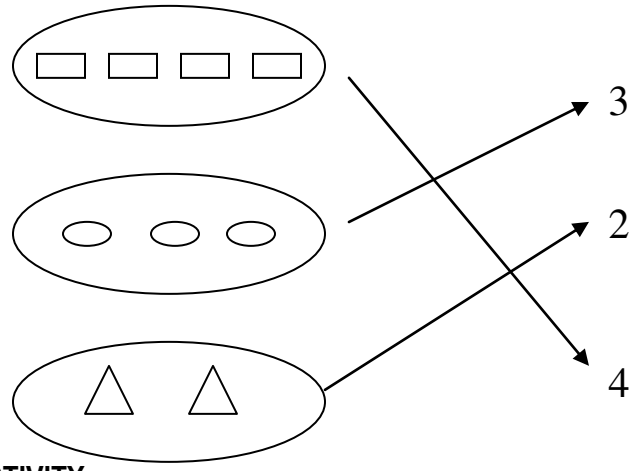
d) A set of 9 circles.

e) A set of 8 oranges.

REFERENCES: MK MATHS PUPIL'S BK 2 PAGE 1
MK MATHS TEACHER'S BK 2 PAGE 1.

LESSON VIII
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: LOCATION, SYMBOLS AND BENEFITS OF OUR SCHOOL.
CONTENT:

MATCHING SETS TO NUMBERS.



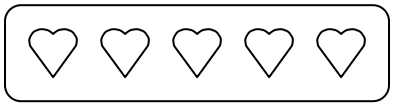
ACTIVITY.

1. a) Match the sets and the numbers.

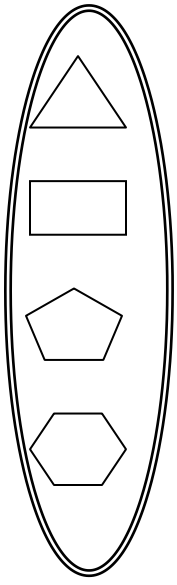
{ 1, 3, 8 } 5

{ 4, 5 } 3

{ 8, 2, 7, 9 } 2

 4

b) Match the number of sides.



5

3

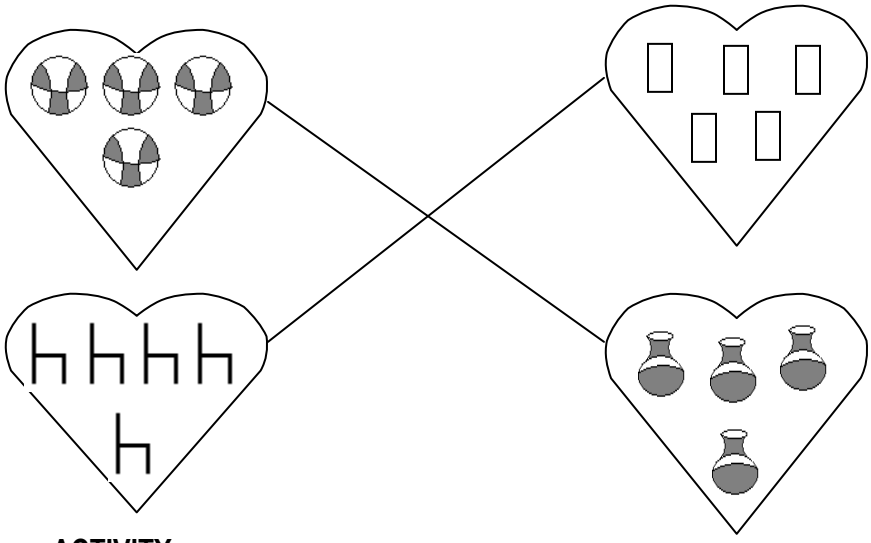
6

4

REFERENCES: MK PRIMARY MATHS PUPIL'S BK 2 PAGE 4
MK MATHS TEACHER'S BK 2 PAGE 1.

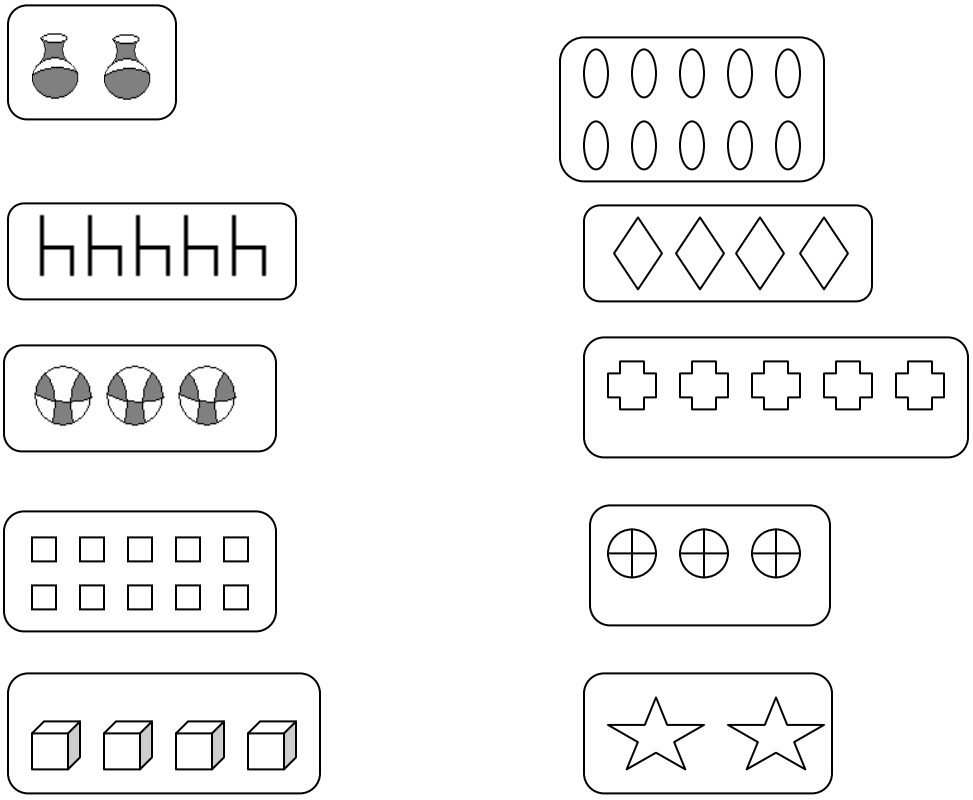
LESSON : IX
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: LOCATION, SYMBOLS AND BENEFITS OF OUR SCHOOL.
CONTENT:

MATCHING PICTURES TO PICTURES.



ACTIVITY.

Match the following pictures correctly.

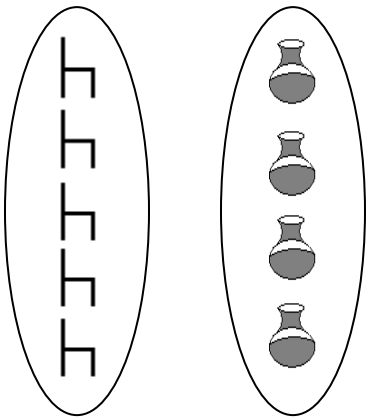


REFERENCES: MK MATHS PUPIL'S BOOK 2 PAGE 3
MK MATHS TEACHER'S BOOK 2 PAGE 4 – 5.

LESSON X.
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUBTHEME: LOCATION, SYMBOLS AND BENEFITS OF OUR SCHOOL.
CONTENT:

COMPARING SETS USING *MORE* OR *LESS.*

Set X Set Y



a) Set X has **5 members.**

b) Set Y has **4 members.**

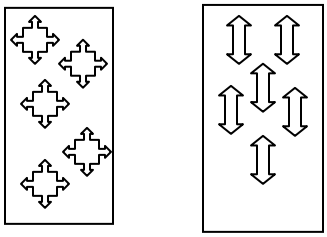
c) Set X has **more** members than set Y.

d) Set Y has **less** members than set X.

ACTIVITY

1. Study and compare the sets.

Set C Set D



a) How many members are in set C?

b) How many elements are in set D?

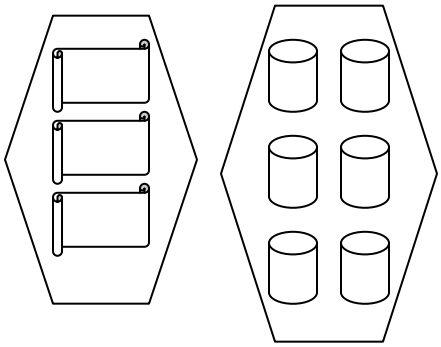
c) Which set has more members?

d) Which set has less members?

e) How many more members are in set B than set C

2. Compare the sets.

Set E Set F



Set E has ……. members.

Set E has …….. members than set F.

Set …… has less members than set ……..

REFERENCES: MK MATHS PUPIL'S BK 2 PAGE 6 – 7 AND TR'S PAGE 2.

LESSON I
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: BENEFITS TO THE NEIGHBOURHOOD FROM SCHOOL.
CONTENT:

ORDERING SETS USING ORDINAL NUMBERS.

Words used in ordering sets.

First	1^{st}	Eleventh	11^{th}
Second	2^{nd}	Twelfth	12^{th}
Third	3^{rd}	Thirteenth	13^{th}
Fourth	4^{th}	Fourteenth	14^{th}
Fifth	5^{th}	Fifteenth	15^{th}
Sixth	6^{th}	Sixteenth	16^{th}
Seventh	7^{th}	Seventeenth	17^{th}
Eighth	8^{th}	Eighteenth	18^{th}
Ninth	9^{th}	Nineteenth	19^{th}
Tenth	10^{th}	Twentieth	20^{th}

ACTIVITY.

1. Write the following words in ordinal figures.
   a) first. ……
   b) Second. ……
   c) Fourth. ……
   d) Seventh. ……
   e) Eleventh. ……
   f) Nineteenth. ……
   g) Third. ……
   h) Sixteenth. ……

2. Write the following ordinal numbers in words.

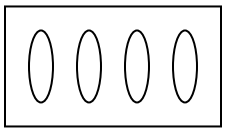
   a) 6^{th} ……
   b) 10^{th} ……
   c) 8^{th} ……
   d) 9^{th} ……
   e) 3^{rd} ……
   f) 14^{th} ……
   g) 5^{th} ……
   h) 20^{th}. ……

REFERENCES: MK PRIMARY MATHS TEACHER'S BK 2 PAGE 5.
MK PRIMARY MATHS PUPIL'S BK 2 PAGE 12
UNDERSTANDING MATHS BOOK 2 PAGE6 – 7.

LESSON 2
THEME: OYUR SCHOOL ANS NEIGHBOURHOOD.
SUBTHEME: BENEFITS TO NEIGHBOURHOOD FROM THE SCHOOL.
CONTENT:

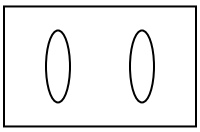
ORDERING SETS FROM THE SMALLEST TO YHE BIGGEST AND BIGGEST TO SMALLEST.

Set A



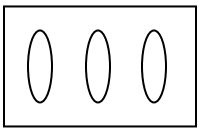
4 members

set B

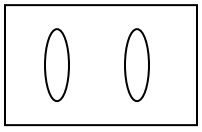


2 members

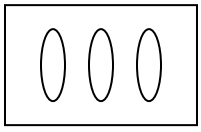
Set C



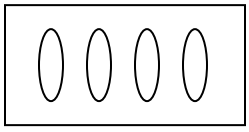
3 members



1st



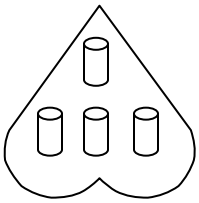
2nd



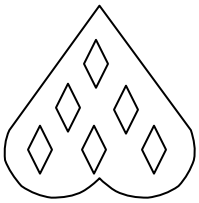
3rd

ACTIVITY 1

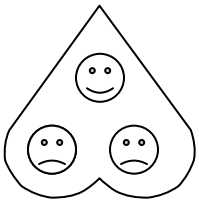
1. Arrange the sets from the smallest to the biggest.



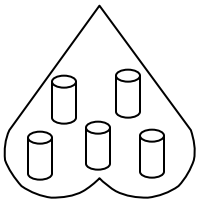
4 members



6 members



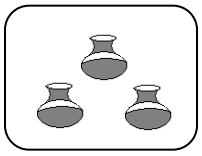
3 members



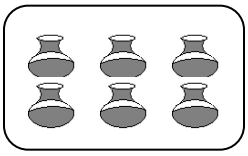
5 members

ACTIVITY 2.

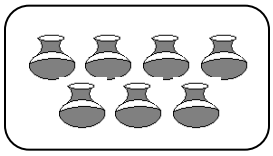
1. a) Order the following sets from the biggest to the smallest.



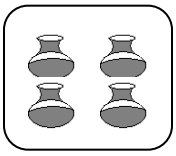
3 members



6 members



7 members



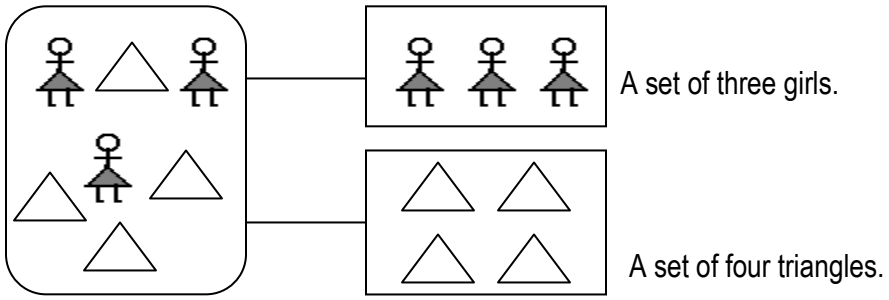
4 members

b) Which set becomes first?
c) Which set comes last?
d) Set ……. comes third.
e) Set ….. comes fourth

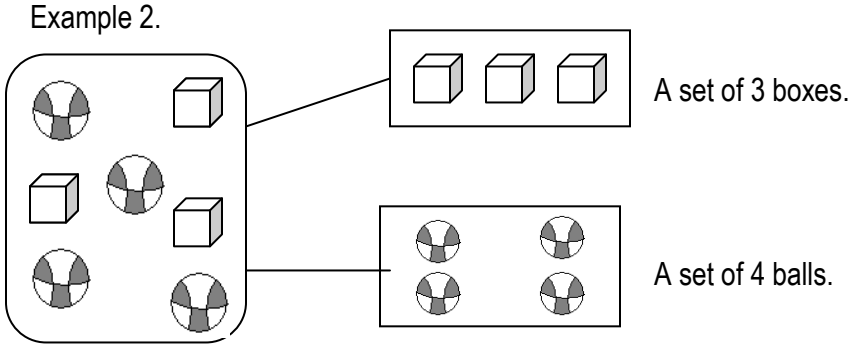
REFERENCES: UNDERSTANDING MATHS BOOK 2 PAGE 3 -4.
UGANDA PRIMARY MATHS BOOK 2 PAGE 5.
MK PRIMARY MATHS BOOK 2 PAGE 11 - 13.

LESSON 3
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: BENEFITS TO THE NEIGHBOURHOOD FROM THE SCHOOL.
CONTENT:
FORMING AND NAMING NEW SETS.

Example 1

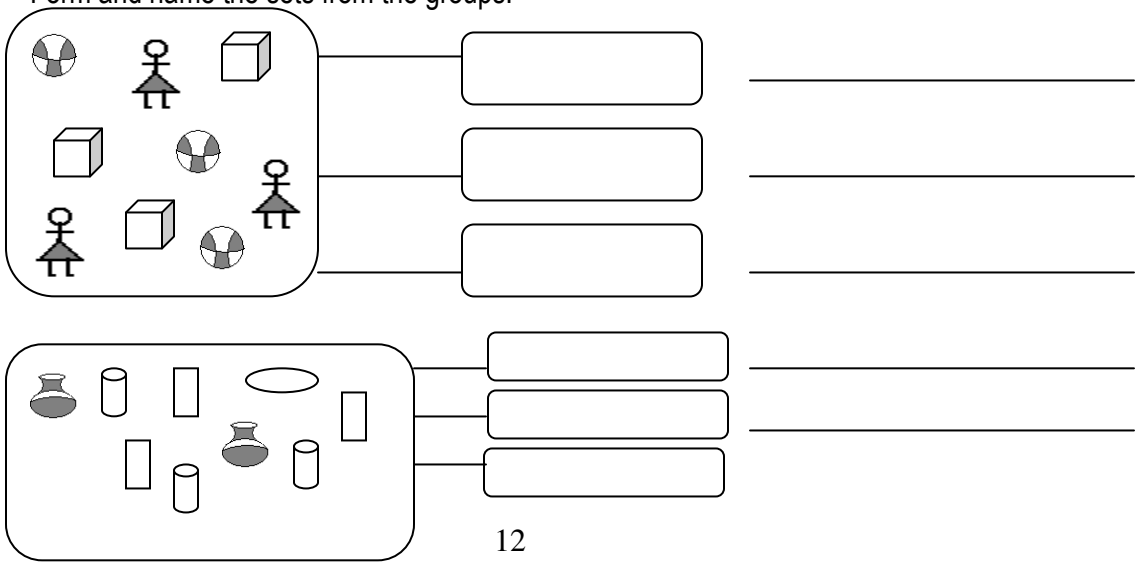


Example 2.



ACTIVITY.

Form and name the sets from the groups.

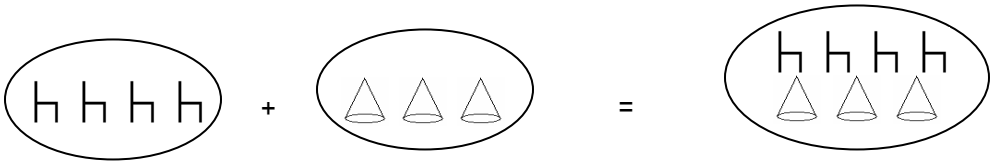


REFERENCES: MK PRIMARTY MATHS BOOK 2 PAGE 5
NPSC FOR UGANDA TEACHER'S BOOK 2 PAGE 98.

LESSON 4
THEME: OUR SCHOOL AND NEIGHBOURHOOD
SUB THEME: CAUSES OF PROBLEMS BETWEEN SCHOOL AND NEIGHBOURHOOD.
CONTENT:

ADDING OR JOINING SETS.

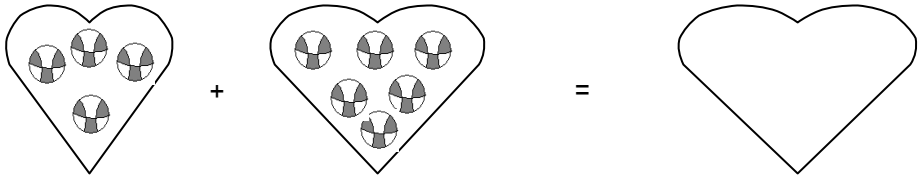
Example 1.



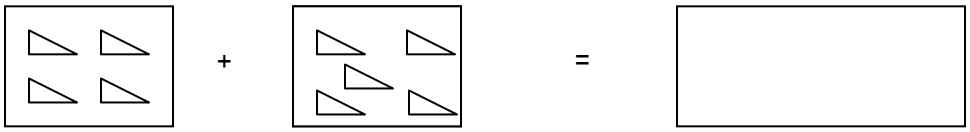
4 + 3 = 7

ACTIVITY.

Count and add / join the sets.



…….. + …….. = ……..



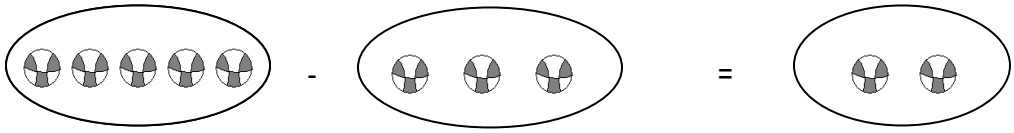
…….. + …….. = ……..

REFERENCES: MK PRIMARY MATHS BOOK 2 PAGE 8.
NPSC FOR UGANDA TEACHER'S GUIDE PAGE 98.

LESSON 6
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: CAUSES OF PROBLEMS BETWEEN SCHOOL AND NEIGHBOURHOOD.
CONTENT.
SUBTRACTION OF SETS.

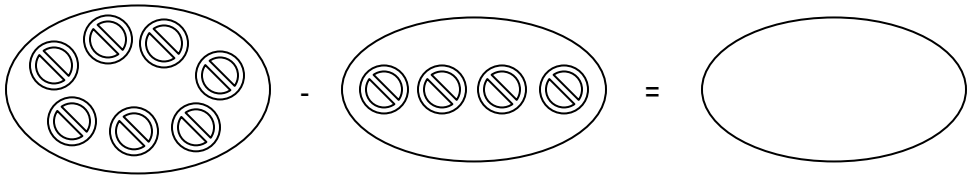
Example 1.

Subtract the sets.

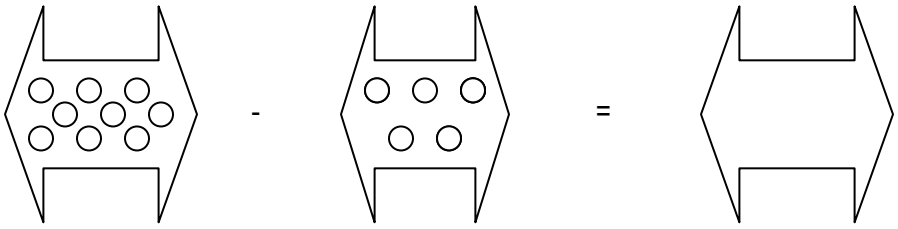


5 - 3 = 2

ACTIVITY.
Subtract the following sets.



7 - 4 = ……



9 - 5 = ……

REFERENCES: UNDERSTANDING MATHS BOOK 2 PAGE 7.
MK PRIMARY MATHS BOOK 2 PAGE 9 – 10.
PRIMARY MATHS BOOK 2 PAGE 13.

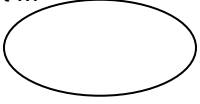
LESSON 6.
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: CAUSES OF PROBLEMS BETWEEN SCHOOL AND NEIGHBOURHOOD.
CONTENT: EMPTY SET.

An empty set is a set without members.
An empty set is also called a **Null set.**
The symbol for the empty set is ∅

Examples of empty sets.

a) A set of boys with ten legs each.
b) A set of houses made of eggs.
c) A set of girls in P.2 who have babies.
d) A set of lions studying in Primary Two at Victorious Education Services.
e) Set P = { }

Set M



ACTIVITY.

Write **empty** or **not empty**.

1. Girls in P.3 with 5 eyes.
2. A tree having green leaves.
3. A president who is a boy.
4. A house with two doors.
5. Cows which lay eggs.
6. Teachers who eat nails as their lunch.
7. Children who eat lunch

REFERENCES: PRIMARY MATHS BOOK 2 PAGE 2.
NSPC TEACHER'S BOOK 2 PAGE 104.

LESSON 7.
THEME: OUR SCHOOL AND NEIGHBOURHOOD.
SUBTHEME: CAUSES OF PROBLEMS BETWEEN SCHOOL AND NEIGHBOURHOOD.
CONTENT: EQUAL SETS.

What are equal sets?

Equal sets are the sets with the same number of members of the same kind.
The symbol for equal sets is $=$

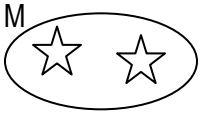
Examples of equal sets.

Set A = { 1, 2, 3, 4 } Set B = { 1, 2, 3, 4 }
Set A has four members and set B has four members which are the same. So,

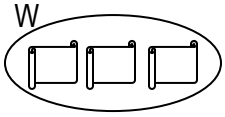
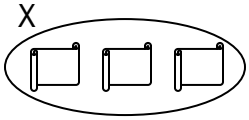
$$A = B$$

Set P = { m, a, n } Set K = { n, a, m }
Set P has three members and set K has three members which are the same. So,

$$\text{Set P} = \text{Set K}$$

Set M  Set T 

Set M has two stars and set T has two stars. So, sets M and T are equal sets.

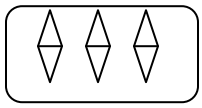
W  X 

Set W has three flags and set X has three flags. So, sets X and W are equal sets.

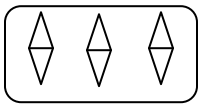
ACTIVITY

Write equal or not equal in the sets below.

A

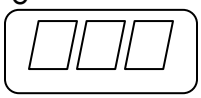


B

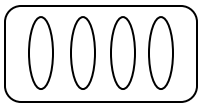


Set A is …… to set B.

C

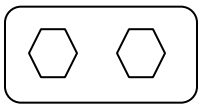


D

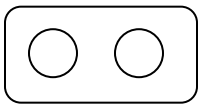


Set C is ……. to set D.

E



F



Set E is ……to set F.

Set L = { 8, 9, 6, 7 } and set N = { 4, 5, 2, 1 }

Set L is ……..to set N.

Set Z = { man, woman. Boy, girl } and set W = { boy, girl, woman, man }

Set W is ……to set Z.

REFERENCES. PRIMARY MATHS BOOK 2 PAGE 3
NSPC TEACHETR'S BOOK 2 PAGE 104.

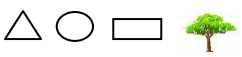
Intersection set is a set made up of common members from given sets

A symbol of an intersection set



Examples

Set A = {  **}**

Set B = {  **}**

Questions

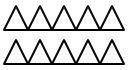
1. How many members are in set A?
2. How many members are in set B?
3. Draw common members.

{ ____, ____, }

LESSON 8
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES.

The idea of tens and ones

Example 1



1 tens 4 ones = | T | O |
|---|---|
| 1 | 4 |

= 14

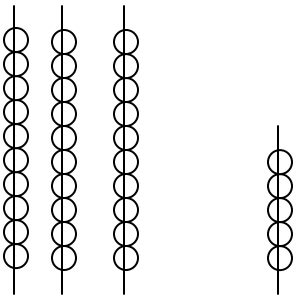
Example 2



2 tens 6 ones = | T | O |
|---|---|
| 2 | 6 |

= 26

Example 3.

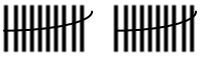


3 tens 5 ones = | T | O |
|---|---|
| 3 | 5 |

= 35.

ACTIVITY.

1. Fill in the tens and ones



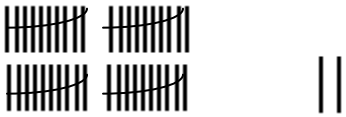
…….. tens ……ones = | T | O |
|---|---|
| | |

=……



…….. tens ……ones = | T | O |
|---|---|
| | |

=……



…….. tens ……ones = | T | O |
|---|---|
| | |

=……



…….. tens ……ones = | T | O |
|---|---|
| | |

=……



…….. tens ……ones = | T | O |
|---|---|
| | |

=……

REFERENCES: Understanding Maths book 2 page 8.
MK Maths book 2 page 14 – 15.
NSPC Teacher's guide 2 page 9.

LESSON 9.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: Relationship among family members.
CONTENT:
NUMERATION SYSTEM AND PLACE VALUES.

Filling in tens and ones.

Examples.

a) 14 = 1 tens and 4 ones.
b) 52 = 5 tens and 2 ones.
c) 2 tens and 4 ones = 24.
d) 6 tens and 8 ones = 68.
e) 11 = 1 tens and 1 ones.

ACTIVITY.

Fill in the tens and ones.

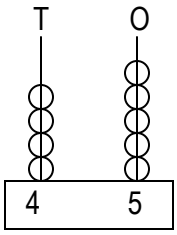
1. 18 = …….tens and ……ones.
2. 51 = …….tens and ……ones.
3. 82 = …….tens and ……ones.
4. ……..tens and ……..ones = 67
5. ……..tens and ……..ones = 9
6. ……..tens and ……...ones = 22.
7. 8 = ……tens and ……ones.

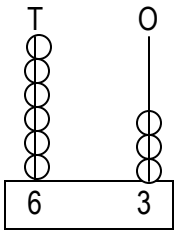
REFERENCES. MK PRIMARY MATHS BOOK 2 PAGE15.
TOP SCORE 2 PAGE 9
A LIVING MATHS 1 PAGE 40 – 41.
NSPC TEACHER'S BOOK 2 PAGE 14 -15.

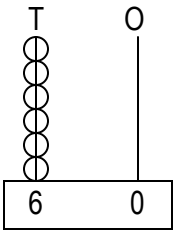
LESSON 10.
THEME: RELATIONSHIP AMONG FAMILY MEMBERS.
SUBTHEME: NUMERATION SYSTEM AND PLACE VALUES.
CONTENT:

TENS AND ONES ON THE ABACUS.

Examples.

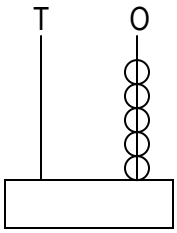


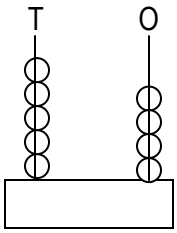


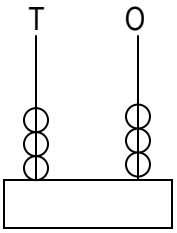


ACTIVITY 1

Fill in the tens and ones shown on the abacus.

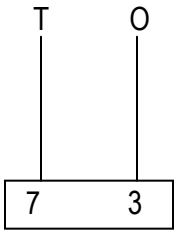


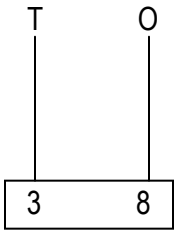


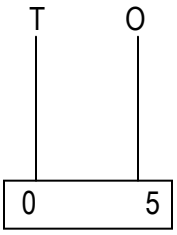


ACTIVITY 2

Draw the beads to show the tens and ones given.







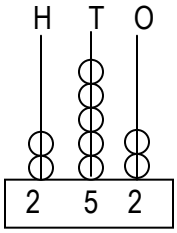
REFERENCES: MK MATHS BOOK 2 PAGE 16 – 17.
A LIVING MATHS BOOK 1 PAGE 40 – 41.
Lets learn Maths book 2 page 11 – 13.

LESSON 11

THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: SHOWING NUMBER WORDS ON THE ABACUS.

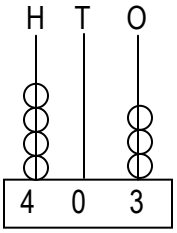
Examples.

a) Show **"Two hundred fifty two"** on the abacus.



Two hundred fifty two

b) Show **Four hundred three** on the abacus.

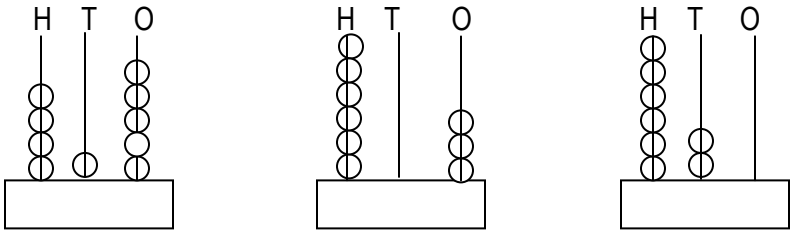


Four hundred three.

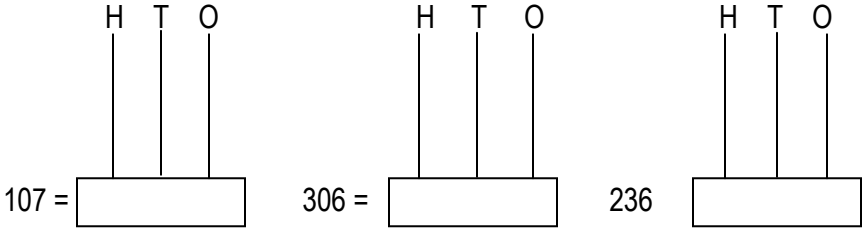
ACTIVITY.

1. Draw the abacus and show the following numbers.
   a) six hundred twenty one.
   b) Three hundred seventy four.
   c) Nine hundred six.

2. Write the hundreds, tens and ones shown on the abacus.



3. Show the given numbers on the abacus.



REFERENCES: NEW MK MATHS BOOK 2 PAGE 31.
UGANDA PRIMARY MATHS BOOK 2 PAGE 8 - 9.

LESSON 1
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES.

Number sequence of hundreds.

Examples.

100, 101, 102, 103, 104, 105, 106, ……

111, 112, 113, 114, 115, 116, ……..

190, 191, 192, 193, 194, 195, 196, …….

ACTIVITY

Fill in the missing numbers.

101, 102, 103, 104, 105, ……., ……., 108.

121, 122, ……, ……. , ……, ……., 127.

151, ……., ……., ……., ……., ……., ……., ……, 159, 160.

188, ……., ……., ……., ……., ……., ……., ……..,196, 197.

REFERENCES: UNDERSTANDING MATHS BOOK 2 PAGE 22 – 23.
NEW MK MATHS BOOK 2 PAGE 22.

LESSON 2
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES

NUMBER SEQUENCES IN ASCENDING ORDER.

Ascending order means from the smallest to the biggest.

100, 101, 102, 103, 104, 105.

100, 110, 120, 130, 140, 150, 160.

193, 194, 195, 196, 197, 198, 199.

170, 172, 174, 176, 178, 180, 182..

ACTIVITY.

a) Arrange the following numbers in ascending order.

120, 160, 130, 180, 140, 150, 170

145, 150, 110, 160, 135, 140.

190, 180, 170, 160, 150, 140.

b) Fill in the missing numbers.

120, 130, ….., ….., 160, 170, ……., ……

190, 191, 192, ……., ……., ……., ……., 197.

155, 157, 159, ……., ……., ……, ……., 169.

REFERENCES: Mathematics work book 2 page 11.
MK MATHS BOOK 2 PAGE 22.
UNDERSTANDING MATHS BOOK 2 PAGE 13 AND 23.

LESSON 3
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES.

NUMBER SEQUENCES IN DESCENDING ORDER.

Descending order means from the biggest to the smallest.

190, 180, 170, ……..

170, 160, 150, 140, 130, ……..

150, 140, 130, …….

200, 190, 180, 170, 160, ……..

ACTIVITY.

A) Arrange in descending order.

140, 170, 150, 160, 180

190, 200, 160, 180, 170.

110, 130, 120, 150, 140.

150, 190, 160, 170, 180.

b) Fill in the missing numbers.

200, ….., …., ……, 196, 195, ….., 193.

180, 170, ….., ….., ….., ……, ……., …..

190, 180 , 170, ….., ….., ….., ……., …….

REFERENCES: MATHEMATICS WORK BOOK 2 PAGE 11
MK MATHS BOOK 2 PAGE 22.
UNDERSTANDING MATHS BOOK 2 PAGE 22 – 23.

LESSON 3
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES.

WRITING NUMBER WORDS IN FIGURES.

Example 1. Write in figures.
One hundred thirty four.

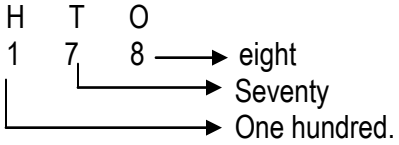
100 + 30 + 4
= **134**

Example 2.

Write six hundred ninety seven in figures.

600 + 90 + 7
= **697**

Example 3.
Write one hundred seventy eight in figures.



= **178**

ACTIVITY.
Write the following in figures.

1. Six hundred seventy seven.
2. seven hundred thirty.
3. five hundred forty.
4. Nine hundred twelve.
5. Two hundred twenty two.
6. Eight hundred sixteen.

REFERENCES: MK MATHS BOOK 2 PAGE 8
UGANDA PRIMARY MATHS BOOK 2 PAGE 26.
MK MATHS TEACHER'S GUIDE 2 PAGE 26.
ACTIVE ENGLISH PAGE 42 – 43.

LESSON 5
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: NUMERATION SYSTEM AND PLACE VALUES.

WRITING FIGURES IN WORDS

Example 1.

Write 168 in words.

169 = 100 + 68
= One hundred sixty eight.

Example 2

Write 498 in words.

H T O
4 9 8 → eight
→ Ninety
→ Four hundred.
498 = Four hundred ninety eight.\

ACTIVITY

Write the following in words.

1. 625.
2. 843.
3. 309.
4. 920.
5. 777.
6. 655.
7. 199.
8. 815.
9. 111.
10. 999.

REFERENCES: MK MATHS BOOK 2 PAGE 22.
UGANDA PRIMARY MATHS BOOK 2 PAGE 8
ACTIVE ENGLISH PAGE 42 – 43.

LESSON 6.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: RELATIONSHIP AMONG FAMILY MEMBERS.
CONTENT: PLACE VALUES

Example 1.

What is the place value of each digit?

H T O
1 4 5
→ Ones
→ Tens
→ Hundreds

H T O
1 5 7
→ Ones
→ Tens
→ Hundreds

Example 2.

Find the place value of each digit.
H T O
6 3 5 = **6** hundreds **3** tens **5** ones.

ACTIVITY.

1. Fill in the hundreds, tens and ones.

156 = ……. hundreds ……tens ……..ones
170 = ……. hundreds …….. tens ……. ones.
171 = ……. hundreds ……tens ……. ones.
166 = …….hundreds ……tens ……..ones.

2. Write the place value of the underlined digit.

1<u>4</u>5 ……
15<u>5</u> ……
<u>1</u>67 ……
1<u>8</u>0 ……

REFERENCES: NPSC PAGE 20.
TEACHER'S RESOURCE BOOK2 PAGE 40 – 41.

LESSON 8.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: ROLES OF DIFFERENT PEOPLE IN THE COMMUNITY.
CONTENT: ADDITION OF NUMBERS UP TO TWO DIGITS VERTICALLY

Examples.

T	O
1	2
+	2
1	**4**

T	O
5	4
+ 3	3
8	**7**

T	O
2	4
+ 1	2
3	**6**

T	O
3	5
+ 2	4
5	**9**

ACTIVITY.

Add the following numbers correctly.

T	O	T	O	T	O	T	O	T	O	T	O

2	2	3	4	5	6	3	7	2	8	1	3
+ 3	3	+ 2	4	+ 1	1	+ 3	1	+ 2	1	+ 6	6

REFERENCES: NEW MK MATHS BOOK 2 PAGE34.
UGANDA PRIMARY MATHS BOOK 2 PAGE.

LESSON 9.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: ROLES OF DIFFERENT PEOPLE IN THE COMMUNITY.
CONTENT: ADDING OF NUMBERS UP TO TWO DIGITS HORIZONTALLY.

Examples:

12 + 15 = 27 24 + 13 = 37 48 + 20 = 68.

ACTIVITY.

Add the following numbers correctly.

20 + 4 =	18 + 61 =	45 + 33 =
15 + 51 =	16 + 10 =	64 + 25 =
12 + 21 =	44 + 55 =	94 + 5 =

REFERENCES: MK MATHS BOOK 2 PAGE 16 - 18.
UGANDA PRIMARY MATHS BOOK 2 PAGE 12 - 13.

LESSON 10.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: CULTURAL PRACTICES AND VALUES IN THE COMMUNITY.
CONTENT: APPLICATION OF ADDITION OF TENS AND ONES.

Examples.

Jane has 12 eggs. Ruth has 17 eggs. How many eggs do they have altogether?

Jane has	1 2 eggs.
Ruth has	+ 1 7 eggs.
	2 9 eggs

ACTIVITY

1. Kairu has 23 sweets. Barigye has 14 sweets. How many sweets do they have altogether?

2. Namata has 26 mangoes and Naiga has 30 mangoes. How many mangoes do they have altogether?

3. Okello has 40 goats on his farm. Akurut has 27 goats on his farm. How many goats do they have altogether?

REFERENCES: MK MATHS BOOK 2 PAGE 35.
UGANDA PRIMARY MATHS BOOK 2 PAGE 9 – 10.
MATHEMATICS WORK BOOK 2 PAGE 17.

LEESON 1.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: CULTURAL PRACTICES AND VALUES IN THE COMMUNITY.
CONTENT:
ADDITION OF TWO DIGIT NUMBERS WITH GROUPING.

Examples.

$$\begin{array}{r} 39 \\ +28 \\ \hline 67 \end{array} \qquad \begin{array}{r} 17 \\ +18 \\ \hline 35 \end{array} \qquad \begin{array}{r} 33 \\ +37 \\ \hline 70 \end{array} \qquad \begin{array}{r} 43 \\ +18 \\ \hline 61 \end{array}$$

ACTIVITY

Add the following numbers with grouping.

a)

$$\begin{array}{rrrrr} 26 & 27 & 12 & 26 & 32 \\ +38 & +25 & +29 & +36 & +39 \\ \hline \quad & \quad & \quad & \quad & \quad \end{array}$$

b) 18 + 29 = 56 + 35 = 42 + 49 =

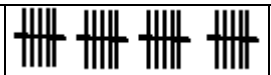
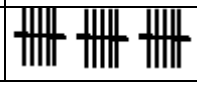
26 + 65 = 78 + 14 = 24 + 39 =

REFERENCES: LETS LEARN MATHEMATICS PUPIL'S BOOK 2 PAGE 14 – 15.
MK MATHS BOOK 2 PAGE 108 – 109.

LESSON 2 AND 3
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: CULTURAL PRACTICES AND VALUES IN THE COMMUNITY.
CONTENT: WRITING NUMBERS IN EXPANDED FORM.

Examples.

NUMBER	TENS	ONES	EXPANDED FORM
17			10 + 7

43			40 + 3
33			30 + 3

2. Write 98 in expanded form.

98 = 9 tens + 8 ones.

= 90 + 8

3. Which number has been expanded?

70 + 5

7 0
+ 5

7 5 has been expanded.

ACTIVITY:

1. Write the following in expanded form.

a) 96.
b) 45.
c) 56.
d) 67
e) 79.

2. Which number has been expanded?

a) 60 + 2
b) 30 + 8
c) 20 + 7
d) 50 + 9
e) 10 + 9

REFERENCES.
MK MATHS BOOK 2 PAGE 36 – 37.
UNDERSTANDING MATHS BOOK 2 PAGE 20.

LESSON 4.
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: CULTURAL PRACTICES AND VALUES IN THE COMMUNITY.
CONTENT:
ADDITION OF THREE DIGIT NUMBERS.

Examples.

H	T	O
1	2	1
+1	3	3
2	**5**	**4**

H	T	O
2	4	1
+1	1	2
3	**5**	**3**

H	T	O
3	9	1
+ 4	0	8
7	**9**	**9**

H	T	O
2	4	5
+ 2	1	3
4	**5**	**8**

ACTIVITY

Add the following numbers correctly.

H	T	O		H	T	O		H	T	O		H	T	O		H	T	O
2	3	4		1	2	3		4	2	3		5	1	2		6	3	4
+ 3	2	1		+ 3	4	2		+ 2	7	4		+ 1	0	4		+ 2	5	4

REFERENCES:
UNDERSTANDUNG MATHS BOOK 2 PAGE 21.
UGANDA PRIMARY MATHS BOOK 2 PAGE 9.

LESSON 5
THEME: OUR HOME AND COMMUNITY.
SUBTHEME: CULTURAL PRACTICES AND VALUESS IN THE COMMUNITY.
CONTENT:
WORD PROBLEMS INVOLVING ADDITION OF THREE DIGITS.

Examples

1. There were 130 pupils in a school. 150 more pupils joined the school. How many pupils are in the school now?

The school had 130 pupils.
More pupils joined +150 pupils.
Total number now 280 pupils.

2. A farmer had 255 cows on his farm. He bought more 200 cows. How many cows are on his farm now?

Number he had 255 cows.
Number he added + 200 cows.
Total number now 455 cows.

ACTIVITY

1. There are 350 men and 148 women on a train. How many people are on the train altogether?
2. There are 206 goats and 183 sheep on Muwenge's farm. Find the total number of animals on this farm.
3. A shopkeeper sold 250 potatoes in the morning and 140 in the afternoon. How many potatoes did he sell the whole day?
4. Victorious P.2 classes have 345 boys and 654 girls. How many pupils are in P.2 classes?

REFERENCES:
WORK BOOK STANDARD 2 PAGE 17.
MK MATHS BOOK 2 PAGE 39.

LESSON 6
THEME : THE HUMAN BODY AND HEALTH.
SUBTHEME: PARTS OF THE BODY AND THEIR FUNCTIONS.

CONTENT:

MEASURING HEIGHT, WIDTH AND BREADTH USING NON-STANDARD UNITS/ MEASURES.

Things we use to measure using non-standard units.

a) hand span.
b) Strides.
c) Sticks.
d) Arms
e) Foot
f) Strings.
g) Palms.
h) Arm's length.

ACTIVITY

Measure the following using non-standard units practically.
a) length of a book.
b) Height of the table.
c) Height of the chair.
d) Width of the table.
e) Sides of the classroom.
f) Height of the door.

REFERENCES:
MK MATHS BOOK 2 PAGE 135.
CURRICULUM TEACHER'S GUIDE 2 PAGE 111.
MATHS WORK BOOK STD 2 PAGE 21 – 23.

LESSON 7.
THEME: HUMAN BODY AND HEALTH.
SUBTHEME:
THE WAY DIFFERENT PARTS OF THE BODY WORK TOGETHER TO CARRY OUT DIFFERENT ACTIVITIES.
CONTENT:
COMPARING HEIGHTS USING THE FOLLOWING WORDS.

Shorter, taller, tall, shortest, tallest, short.

Examples



A B C

Tree A is tall.
Tree B is taller than tree A.

Tree C is the tallest of the 3 trees.



W X Y

Pencil Y is short.
Pencil X is sorter than pencil Y.
Pencil W is the shortest of the three pencils.

ACTIVITY

Use shorter, taller, shortest or tallest to fill in the gaps.



P Q R

a) Bottle R is …….than bottle P.
b) Bottle Q is the …….. of the three bottles.
c) Bottle P is ……than bottle R.
d) Bottle Q is …….than bottle R.
e) Bottle Q is the ……..of the three bottles.

REFERENCES:
MK MATHS BOOK 2 PAGE 136.

LESSON 8
THEME: THE HUMAN BODY AND HEALTH.
SUBTHEME: THE WAY DIFFERENT PARTS OF THE BODY WORK TOGETHER TO CARRY OUT DIFFERENT ACTIVITIES.
CONTENT:
RECOGNISING SHAPES.



Circle triangle square star kite rectangle cylinder

ACTIVITY.

Draw the following shapes.

kite	oval	rectangle	triangle	circle	square

REFERENCES: MK MATHS BOOK 2 PAGE 70 – 71.
LET'S LEARN MATHS BOOK 2 PAGE 53 – 57.
UGANDA PRIMARY MATHS BOOK 2 PAGE 50.

LESSON 9 AND 10
THEME : HUMAN BODY AND HEALTH.
SUBTHEME: SANITATION.
CONTENT:
SUBTRACTION OF TWO AND THREE DIGIT NUMBERS.

Examples.

T	O
6	4
- 5	1
1	**3**

T	O
7	8
- 5	6
2	**2**

H	T	O
9	4	8
- 4	2	6
5	**2**	**2**

H	T	O
7	4	5
- 6	3	2
1	**1**	**3**

ACTIVITY.

Subtract the following numbers.

T	O
6	7
- 5	3

T	O
8	4
- 3	2

T	O
9	2
- 7	1

H	T	O
3	6	3
- 2	0	3

H	T	O
7	5	1
- 1	4	0

H	T	O
4	3	0
- 1	2	0

RERFERENCE:
MK MATHS BOOK 2 PAGE 59.

LESSON 1, 2 AND 3.
THEME: OUR HUMAN BODY AND HEALTH.
SUBTRACTION: SANITATION.
CONTENT: WORD PROBLEMS INVOLVING SUBTRACTION.

Examples.

1. Abraham had 50 mangoes. He gave away 20 mangoes to Isa. How many mangoes did he remain with?

Mangoes he had 50 mangoes.
Mangoes he gave out + 20 mangoes.

Mangoes remained 30 mangoes.

2. The head teacher had 256 books and gave 123 to P.2 and the rest to P.3. How many books were given to P.3?

Books he had 256 books.
P.2 books - 123 books
P.3 books 133 books

ACTIVITY I

1. Nansubuga had 48 cups. She gave away 36 cups to Namale. How many cups did she remain with?
2. There are 99 books in our library. If 92 books were borrowed, how many books remained in the library?
3. Kamoga had 57 crates of soda. He sold 34 crates. How many crates remained?

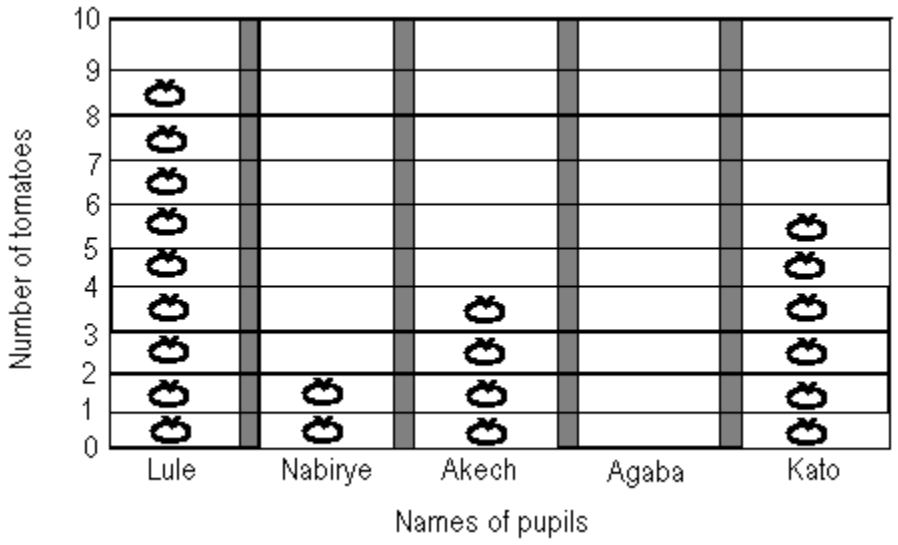
ACTIVITY II

1. Kato had 800 bags of coffee. He sold 700 bags. How many bags remained?
2. There were 450 pupils in P.2 classes. If all of them passed, How many pupils failed?
3. Amooti had 598 chicken on his farm.198 chicken died. How many chicken remained?

REFERENCES:
MK MATHS BOOK 2 PAGE 61.
UGANDA PRIMARY MATHS BOOK 2 PAGE 17.
THEMATIC TEACHER'S GUIDE BOOK 2 PAGE 113.

LESSON 4 AND 5.
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOOD.
CONTENT: COLLECTING DATA ON PEOPLE'S FOOD PREFERANCE.

The graph below shows how 5 pupils in P.2 collected tomatoes.

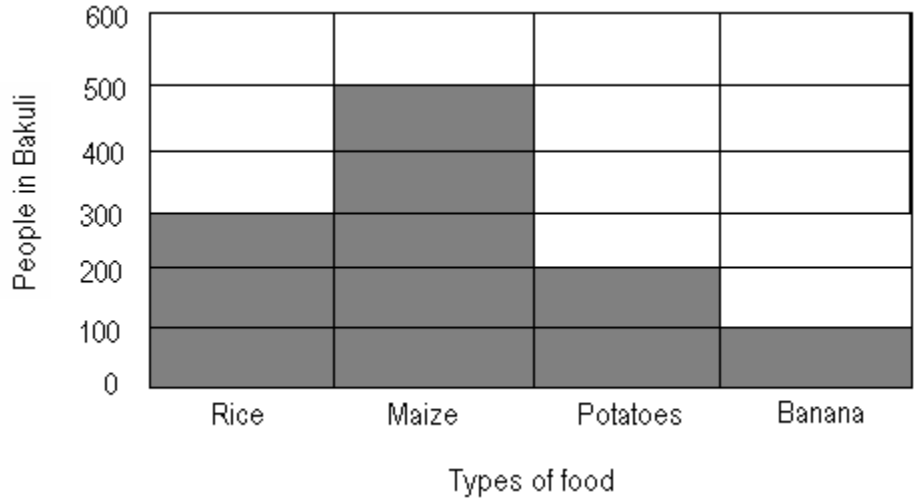


a) Akech collected …….tomatoes.
b) …….collected two tomatoes.
c) How many tomatoes did Kato collect?
d) Who did not collect any tomato?
e) How many tomatoes did Lule collect?
f) Who collected 8 tomatoes?

REFERENCES:
MK MATHS BOOK 2 PAGE 66.

LESSON 6 AND 7.
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT:
COLLECTING DATA ON PEOPLE'S FOOD PREFERENCE.

The graph below shows the number of people who collected different foods in Bakuli village.



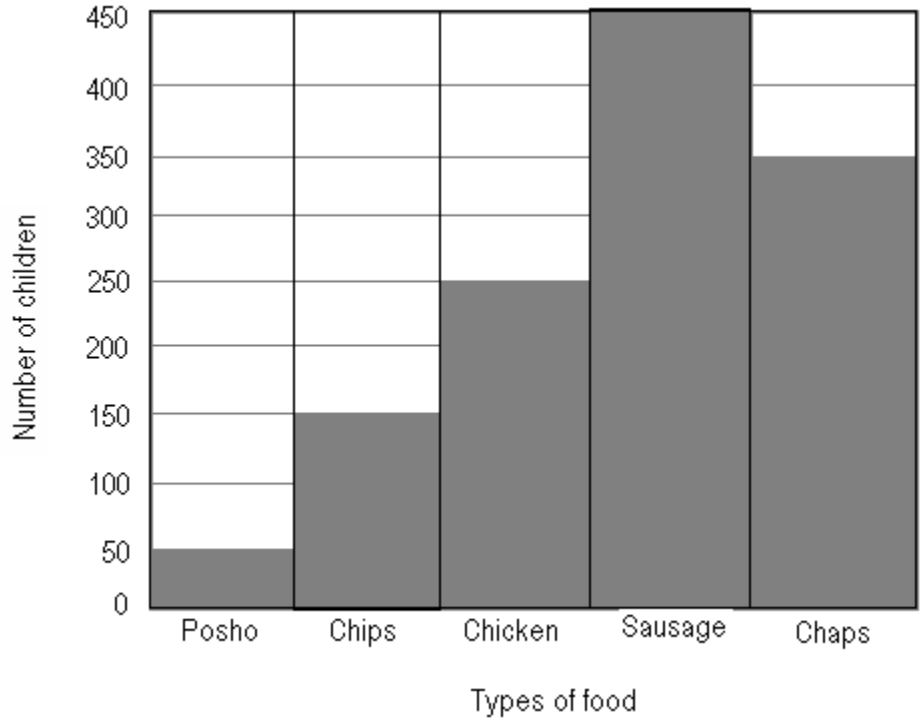
1. How many people collected maize?
2. How many people collected rice and potatoes altogether?
3. What was the least food collected?
4. How many people collected potatoes?
5. …….people collected banana.
6. How many more people collected maize than rice?

REFERENCES:
MK MATHS BOOK 2 PAGE 66 – 67.

NPSC PUPIL'S BOOK 2 PAGE 23.

LESSON 8
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT:
COLLECTING DATA OF PEOPLE'S FOOD PREFERENCES.

The graph below shows how P.2 children at Victoriuos like different kinds of food.



1. Name the different types of food shown on the graph.
2. Which food was liked by most children?
3. ……children like posho.
4. Name the type of food liked by 350 children.
5. What is the graph about?

REFERENCES:
UGANDA PRIMARY MATHS BOOK 2 PAGE 71.
NPSC FOR UGANDA BOOK 2 PAGE 23.

LESSON 9 AND 10
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT:
MEASURING WEIGHT USING NON-STANDARD UNITS.

<u>Using heavier than and lighter than.</u>



Chair



bottle.

a) The bottle is lighter than the chair.
b) The chair is heavier than the bottle.



Bicycle



tomatoes.

1. The bicycle is heavier than the tomatoes.
2. The tomatoes are lighter than the bicycle.

ACTIVITY.

Use heavier or lighter to fill in the following.

1. The house is ……..than the hat.
2. The bird is ……..than the lion.
3. The flower is ……..than the bus.
4. The bench is ……..than the pencil.
5. The teacher is ……..than the book.

REFERENCES.

MK MATHS BOOK 2 PAGE 143.
LET'S LEARN MATHS BOOK 2 PAGE 90 – 91.

LESSON 1
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT:
MULTIPLICATION OF 2 BY TWO DIGIT NUMBERS.

REVIEW

1 X 2 = 2

2 X 2 = 2 + 2 = 4

3 X 2 = 2 + 2 + 2 = 6

Examples.

Multiplying horizontally.

10 X 2 = **20** 11 X 2 = **22** 24 X 2 = **48**

62 X 2 = **124** 23 X 2 = **46** 44 X 2 = **88**

Multiplying vertically.

T	O		T	O	
1	3	2 x 3 = 6	3	4	2 x 4 = 8
X	2	2 x 1 = 2	X	2	2 x 3 = 6
2	**6**		**6**	**8**	

Note: We multiply 2 by the ones first then by the tens.

ACTIVITY

1. Multiply the following numbers.

   12 x 2 = 24 x 2 = 41 x 2 =
   44 x 2 = 33 x 2 =

2. Multiply the following vertically.

T	O	T	O	T	O	T	O
5	2	4	0	3	4	4	1
X	2	x	2	x	2	x	2

REFERENCES.
MK MATHS BOOK 2 PAGE 43.
UNDERSTANDING MATHS BOOK 2 PAGE 46.

LESSON 2
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT.
MULTIPLYING 3 BY TWO DIGIT NUMBERS.

REVIEW.

1 X 3 = 3

2 X 3 = 3 + 3 = 6

3 X 3 = 3 + 3 + 3 = 9

Examples.

12 x 3 = 36 23 x 3 = 69 10 x 3 = 30.

T	O		T	O		T	0	
3	3	3 X 3 = 9	5	1	3 X 1 = 3	1	7	3 X 7 = 21
X	3	3 X 3 = 9	X	3	3 X 5 = 15	X	3	3 X 1 = 3 + 2 = 5
9	**9**		**15**	**3**		**5**	**1**	

ACTIVITY

Multiply the following numbers by 3.

13 x 3 = 34 x 3 = 62 x 3 = 19 x 3 =

T	O	T	O	T	O	T	O
3	2	5	2	1	9	4	4
X	3	X	3	X	3	X	3

REFERENCE: MK MATHS BOOK 2 PAGE 45 – 46.
TOP SCORE 2 PAGE 23.

LESSON 3
THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT.
MULTIPLICATION BY 4.

1 X 4 = 4 2 X 4 = 8 10 X 4 = 40 25 X 4 = 100.

T	O		T	O		T	O	
1	2	4 X 2 = 8	3	0	4 X 0 = 0	8	6	4 X 6 = 24
X	4	4 X 1 = 4	X	4	4 X 3 = 12	X	4	4 X 8 = 32 + 2 = 34
4	**8**		**12**	**0**		**34**	**4**	

ACTIVTY.

Multiply the following numbers.

3 x 4 = 7 x 4 = 9 x 4 =

25 x 4 = 27 x 4 =

T	O	T	O	T	O	T	O
2	0	7	1	4	4	2	6
X	4	X	4	X	4	X	4

REFERENCES.
MATHS WORK BOOK 2 PAGE 29 – 31.
MK MATHS BOOK 2 PAGE 49 – 51.
TOP SCORE 2 PAGE 25.
UGANDA PRIMARY MATHS BOOK 2 PAGE 25.

LESSON 4

THEME: FOOD AND NUTRITION.
SUBTHEME: CLASSIFICATION OF FOODS.
CONTENT.
MULTIPLICATION BY 5.

Examples.

1 x 5 = 5

4 x 5 = 5 + 5 + 5 + 5 = 20

12 x 5 = 60 15 x 5 = 75

T	O		T	O		T	O	
1	1	5 X 1 = 5	4	0	5 X 0 = 0	5	6	5 X 6 = 30
X	5	5 X 1 = 5	X	5	5 X 4 = 20	X	5	5 X 5 = 25 + 3 = 28
5	**5**		**20**	**0**		**28**	**0**	

ACTIVITY.

Multiply the following numbers by 5.

4 x 5 = 8 x 5 = 7 x 5 = 2 x 5 =

14 x 5 = 20 x 5 = 11 x 5 =

T	O	T	O	T	O
1	1	5	1	2	0
X	5	X	5	X	5

REFERENCES:
MK MATHS BOOK 2 PAGE 53 – 55.
UGANDA PRIMARY MATHS BOOK 2 PAGE 26.

LESSON 5 AND 6
THEME: FOOD AND NUTRITION.
SUBTHEME: LASSIFICATION OF FOODS.
CONTENT: WORD PROBLEMS INVOLVING MULTIPLICATION OF 2 AND 3.

Examples.

1. One fly has 2 wings. How many wings have 3 flies?

3 flies x 2 wings = **6 wings.**

2. One stool has 3 legs. How many legs have 42 stools?

1 stool ……3 legs.

42 stools …… 4 2 3 x 2 = 6
X 3 3 x 4 = 12
1 2 6 legs

ACTIVITY.

1. If each basket has 3 oranges, how many oranges are in 8 baskets?
2. How many legs have 12 stools if one stool has 3 legs?
3. If one girl has 3 pencils, how many pencils have 9 girls?
4. How many sides od 2 triangles have?
5. How many legs have 50 boys if one boy has 2 legs?

REFERENCES:
MK MATHS BOOK 2 PAGE 43 – 48.
UNDERSTANDING MATHS BOOK 2 PAGE 50 – 51.

LESSON 7 AND 8
THEME: FOOD AND NUTRITION.
SUBTHEME: EFFECTS OF POOR FEEDING.
CONTENT:
WORD PROBLEMS INVOLVING MULTIPLICATION OF 4 AND 5.

1. A car has four wheels. How many wheels have 10 cars?

1 0 4 x 0 = 0
X 4 4 x 1 = 4
4 0 wheels

2. There are five fingers on one hand. How many fingers are on 6 hands?

1 hand ……5 fingers.
6 hands …….6 x 5 **= 30 fingers.**

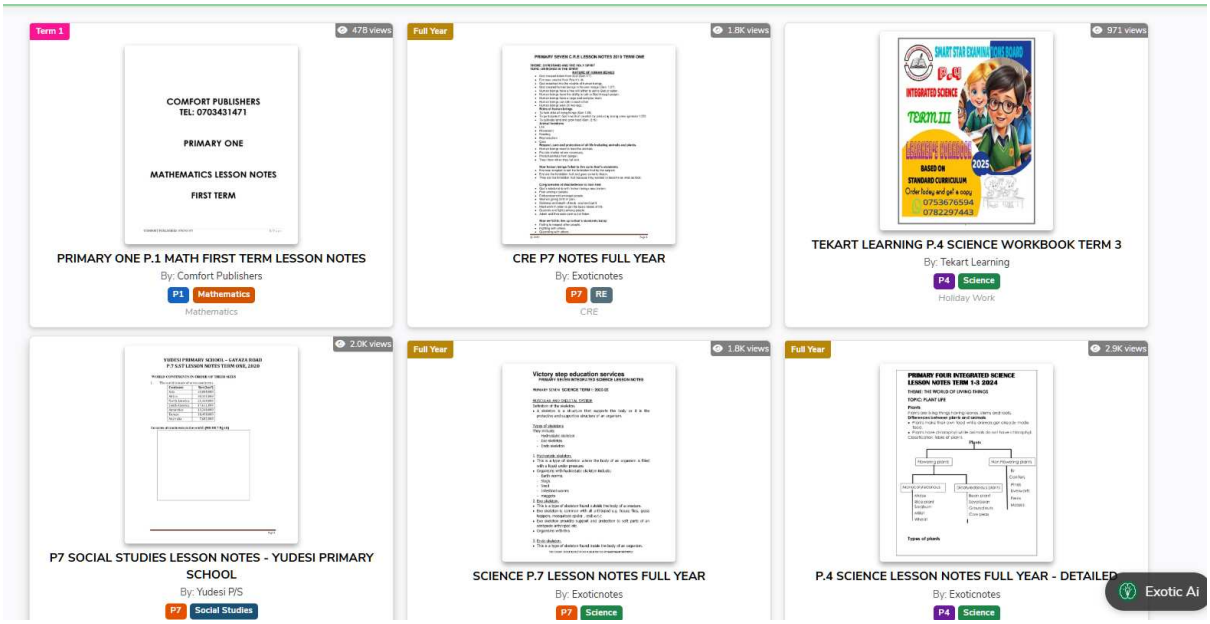
ACTIVITY.

1. A bed has 4 legs. How many legs have 12 beds?
2. There are 5 fingers on each hand. How many fingers are on 10 hands?
3. Musa has 22 boxes. Each box has 4 bottles. How many bottles has Musa?
4. If there are 5 boys in each class, how many boys are in 14 classes?
5. A family has 4 members. If each member has 5 goats, how many goats are there altogether?

REFERENCES:
MK MATHS BOOK 2 PAGE 51 – 55.
UGANDA PRIMARY MATHS BOOK 2 PAGE 13 – 14.

END

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