THE REPUBLIC OF UGANDA

Ministry of Education and Sports

SELF-STUDY LEARNING

PRIMARY 1

MATHEMATICS

NCDC
NATIONAL CURRICULUM DEVELOPMENT CENTRE

GLOBAL PARTNERSHIP for EDUCATION
globalpartnership.org

UGANDA NATIONAL EXAMINATIONS BOARD

NCDC
NATIONAL CURRICULUM DEVELOPMENT CENTRE

Published 2020

This material has been developed as a home-study intervention for schools during the lockdown caused by the COVID-19 pandemic to support continuity of learning.

Therefore, this material is restricted from being reproduced for any commercial gains.

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FOREWORD

Following the Outbreak of the CoVID-19 Pandemic, Government of Uganda closed all schools and other educational institutions to minimize the spread of the coronavirus. This has affected more than 36,314 primary schools, 3129 secondary schools, 430,778 teachers and 12,777,390 learners.

The COVID-19 outbreak and subsequent closure of all has had drastically impacted on learning especially curriculum coverage, loss of interest in education and learner readiness in case schools open. This could result in massive rates of learner dropouts due to unwanted pregnancies and lack of school fees among others.

To mitigate the impact of the pandemic on the education system in Uganda, the Ministry of Education and Sports (MoES) constituted a Sector Response Taskforce (SRT) to strengthen the sector's preparedness and response measures. The SRT and National Curriculum Development Centre developed print Home- Study Materials, radio and television scripts for some selected subjects for all learners from Pre-Primary to Advanced level. The materials will enhance continued learning and learning for progression during this period of the lockdown, and will still be relevant when schools resume.

The materials focused on critical competences in all subjects in the curricula to enable the learners to achieve without the teachers' guidance. Therefore effort should be made for all learners to access and use these materials during the lockdown. Similarly, teachers are advised to get these materials in order to plan appropriately for further learning when schools resume, while parents/guardians need to ensure that their children access copies of these materials and use them appropriately.

I recognise the effort of National Curriculum Development Centre in responding to this emergency through appropriate guidance and the timely development of these home study materials. I recommend them for use by all learners during the lockdown.

Alex Kakooza

Permanent Secretary

Ministry of EDUCATION AND SPORTS

ACKNOWLEDGEMENTS

National Curriculum Development Centre (NCDC) would like to express its appreciation to all those who worked tirelessly towards the production of home-study materials for Pre-Primary, Primary and Secondary Levels of Education during the COVID-19 lockdown in Uganda.

The Centre appreciates the contribution from all those who guided the development of these materials to make sure they are of quality; Development partners - SESIL, Save the Children and UNICEF; all the Panel members of the various subjects; sister institutions - UNEB and DES for their valuable contributions.

NCDC takes the responsibility for any shortcomings that might be identified in this publication and welcomes suggestions for improvement. The comments and suggestions may be communicated to NCDC through P.O. Box 7002 Kampala or email admin@ncdc.go.ug or by visiting our website at http://ncdc.go.ug/node/13.

Grace K. Baguma
Director,
National Curriculum Development Centre

ABOUT THIS BOOKLET

Dear learner, welcome to this home-study material which has been prepared for you. The material covers content for term 1, II and III.

The content covered has been carefully written covering the different topics in the syllabus. This is an addition to what you had learnt before schools were closed due to outbreak of COVID-19. The content is arranged using simple steps for your understanding. The activities provided in each topic are organised in such a way that they will enable you to relate with your local environment.

The content is organised into lessons. Each lesson has activities and summary notes that help you to understand the concepts. Some lessons have projects that you need to carry out at home during this period. You are encouraged to work individually as you do the practical and interactive activities.

Feel free to try out all the activities in this material.

Enjoy learning

HOME-STUDY MATERIAL

PRIMARY ONE

MATHEMATICS

SUB THEME : SORTING AND FORMING SETS

LESSON 1

Dear learner, you are welcome for today's mathematics lesson.

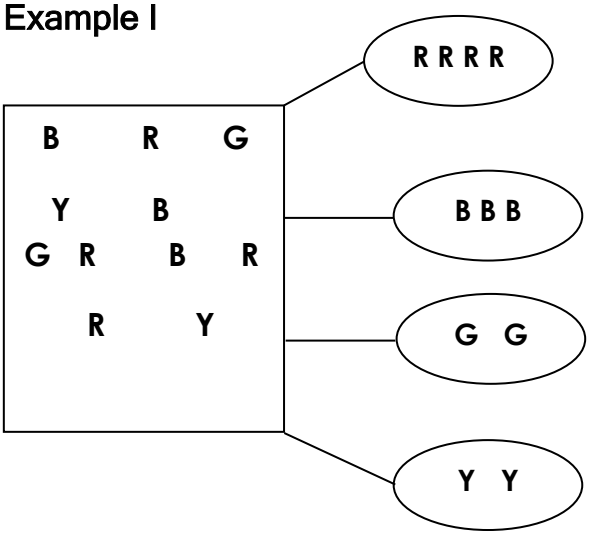
You are going to:

- Tell what a set is
- Sort out objects according to color, shape, letter and number

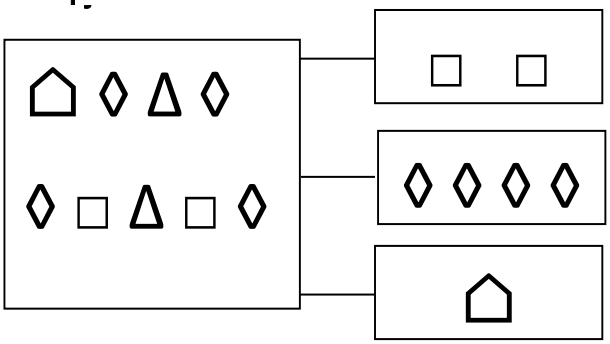
A set is a group of well defined members, objects or elements.

Sorting objects according to colour:

Example I

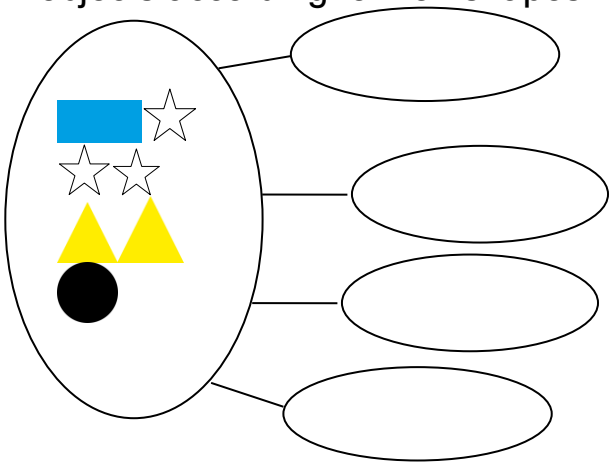


Example II

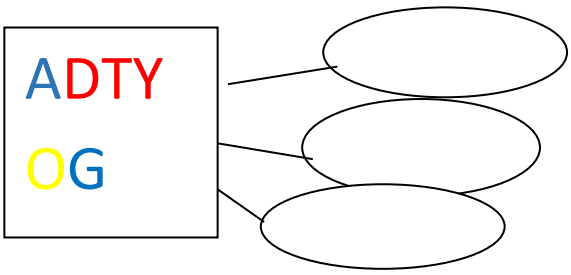


I want you to do this activity

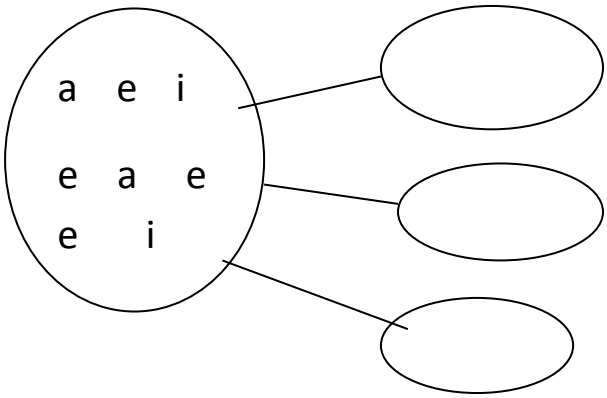
Sort objects according to their shapes



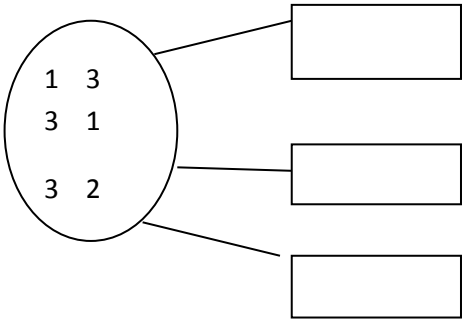
1. Sort according to color



2. Sort out the same vowels



3. Sort out the same numbers



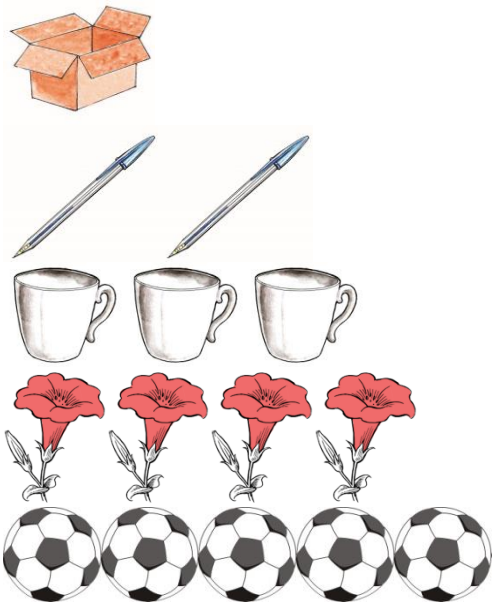
4. A ..... Is a group of well defined members, objects or elements.

Healthy Tip:
To stay away from Covid 19, wash your hands with soap and water and keep a distance of 4 meters away from a friend.

LESSON 2

Dear learner, you are welcome to today's activity. You are going to:
Count numbers from 1- 5

Example 1
Count numbers from 1-5



= 1

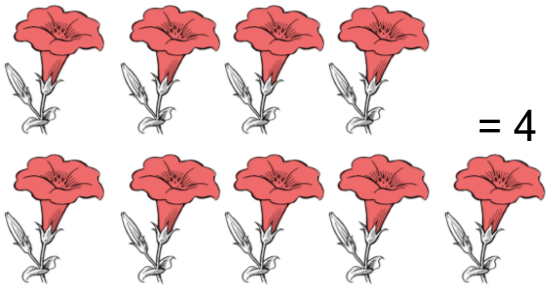
= 2

= 3

= 4

= 5

Example 2



= 4

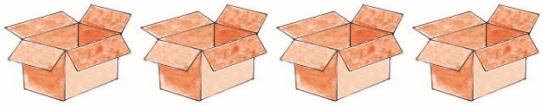
= 5

I now want you to do this work
You need a pencil and an exercise book.
Activity
Count and write

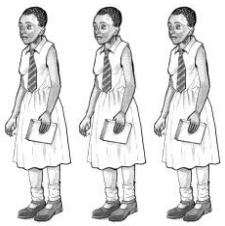
1. (a) = _____

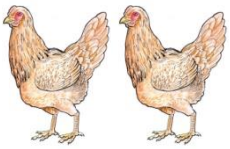
(b) = _____

2. (a) = _____

(b)  = _____

3. (a) = _____

(b)  = _____

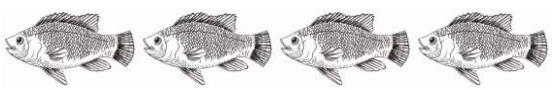
4. (a)  = _____

(b) = _____

Home work

Count and write

1. = _____

2.  = _____

Healthy Tip

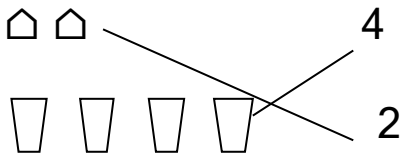
Remember to wash your hands with water and soap always

Use a mask to cover your nose and mouth in order to fight Covid 19.

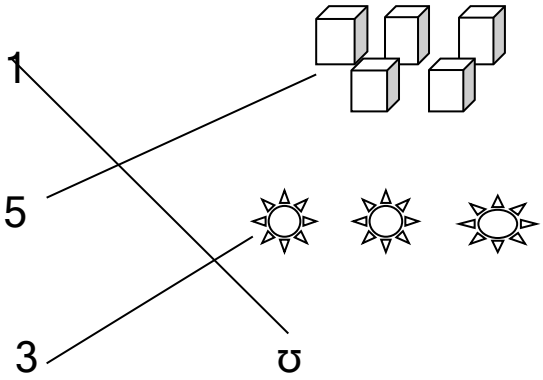
LESSON 3

Dear learner, you are welcome to today's activity. You are going to:
Match pictures to numbers

Example 1:



Example 2:
Match numbers to pictures



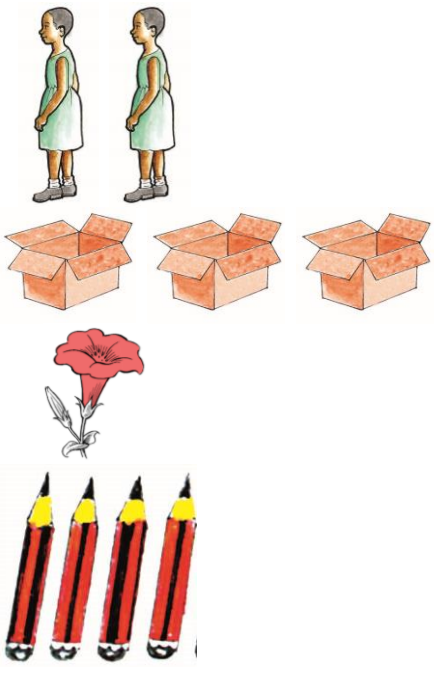
I want you to do this work. You need a pencil and an exercise book.
Match the following numbers to pictures correctly

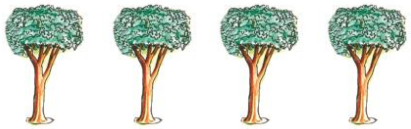
1.

2.

3.

4.

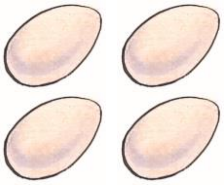


5. 

Match pictures to numbers

4

3



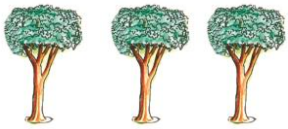
1

3

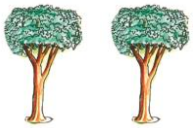
2

Home work

1. Match pictures to numbers



2



3

2. Match numbers to pictures

1

4

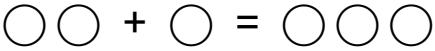
Healthy tip:
Remember to remind the people at home to wash hands clean with water and soap

LESSON 4

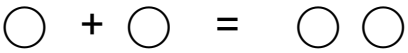
Dear learner, you are welcome for today's activity. You are going to count, add and write

Example I

Add these objects



2 + 1 = 3



1 + 1 = 2

Example 2

3 + 2 = 5

I now want you to do this work

You will need a pencil and an exercise book.

1. Count and write

1 + 1 = _____

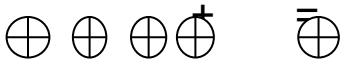
2. ¤¤¤¤ + ¤¤ =

4 + 2 = _____

3. Count and write

† † + † =

1 + 1 = _____

4. 

Home work

1. Count and write

=

2. +

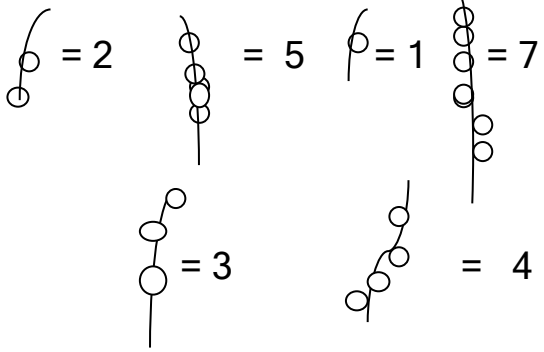
3 + 2 =

Healthy tip:
Remember to use a sanitizer all the time. Keep your body clean always

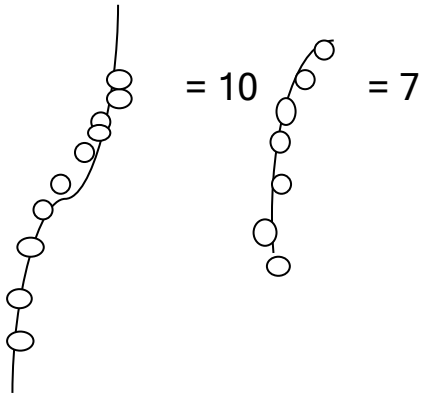
LESSON 5

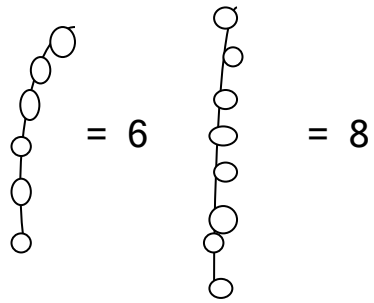
Dear learner, you are welcome for today's activity. You are going to:
Count numbers from 1-10

1. Count and write



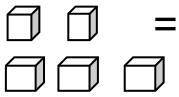
2. Count and write the number of beads





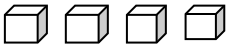
I now want you to do this work. You will need a pencil and a book.

1. Count and write the numbers correctly.

 =

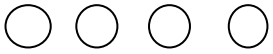
 =

2. Count and write

 =

=

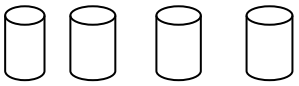
3. Count and write

 =

=

Home work

Count and write correctly

 =

=

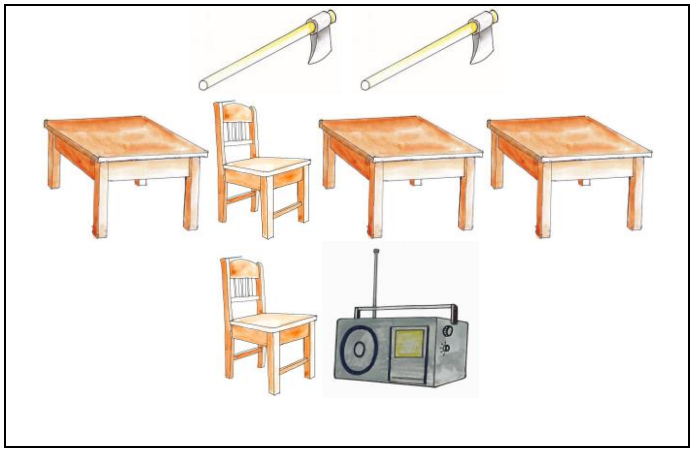
=

Healthy tip: Remember to remind the people at home to wash hands clean with water and soap

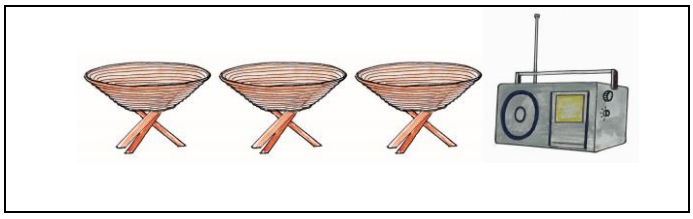
LESSON 6

Dear learner, you are welcome for today's activity. You are going to:
Sort common things in our home
Sort common items

Example 1



Example 2



I want you to do this work
You will need a pencil and an exercise book.

Activity

Sort common items
Picture 1 axe = _____
Picture 2 tables = _____
Picture 2 chairs = _____
Picture 2 books = _____
Picture 2 radios = _____

(a) (b)

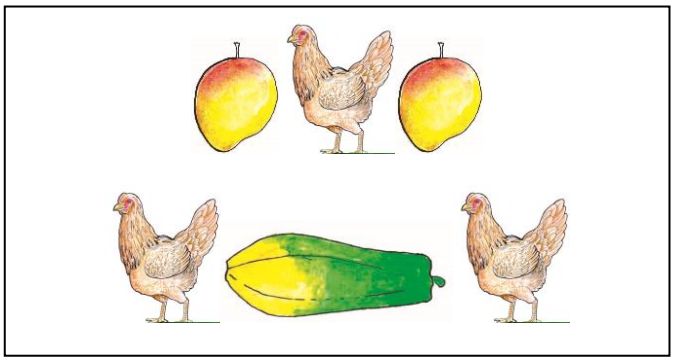
(c) (d)

(e)

(f)

Home work

Sort



Healthy tip:

Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 7

Dear learner, you are welcome for today's activity. You are going to:
Recognize that 2 + 3 = 3 + 2 practically using concrete objects.

Example 1
2 + 3 is the same as 3+ 2
⊗⊗ ⊗⊗⊗

2 + 3 is the same as 3 + 2
⊗⊗⊗ ⊗⊗

3 + 2

Example 2
▽ ▽ ▽ ▽ ▽
4 + 1

is the same as

▽ ▽ ▽ ▽ ▽
1 + 4

I want you to do this work.
You will need a pencil and an exercise book.

Try these numbers. Use concrete objects

1. 2 + 1 is the same as 1 + 2

2. 1 + 3 is the same as 3 + 1

3. 2+ 3 is the same as 3 + 2
4. 2 + 0 is the same as
   0 + 2

5. 4 + 1 is the same as
   1 + 4

Home work

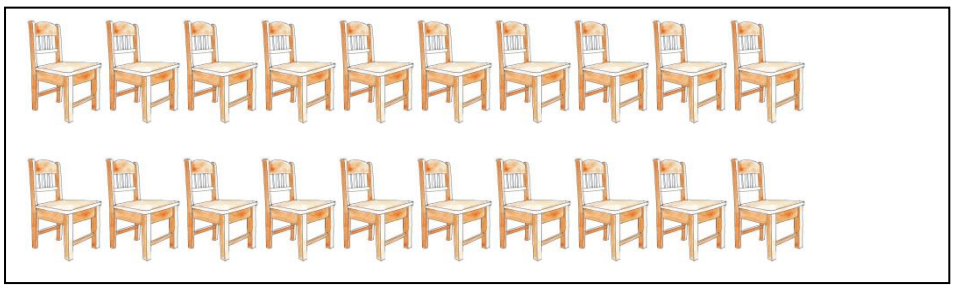
1. 3 + 0 is the same as
   0 + 3
2. 5 + 1 is the same as
   1 + 5

Healthy tip:
Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

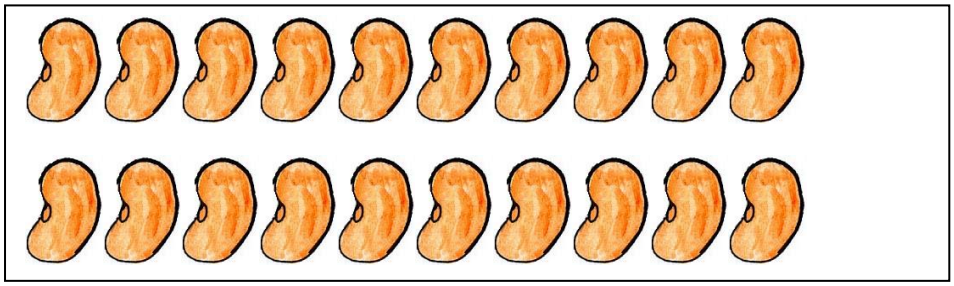
LESSON 8

Dear learner, you are welcome to today's activity. You are going to:
Count from 1 – 20

Example 1
Counting chairs 1- 20



Example 2
Counting beans 1 – 20



I now want you to do this work.
You will need a pencil and an exercise book.

1. Write number symbols from 0-5
   0, 1, __, __, 4, __

2. Count 6 – 10

   6, __, __, 9, 10

3. Count and write

   △ △ △ =

   △ =

4. Write these numbers correctly

1 2 3 4 5 6 7 8 9

_ _ _ _ _ _ _ _ _

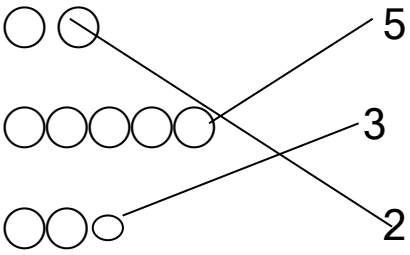
Healthy tip: Please avoid going to places where there are many people in order to protect yourself from Covid 19.

LESSON 9

Dear learner, you are welcome for today's activity. You are going to:
Match pictures to numbers.
Example 1:

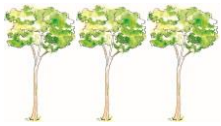
†††	6
††††††	4
††††	3

Example 2



I want you to do this work. You will need a pencil and exercise book.

1. Match pictures to numbers



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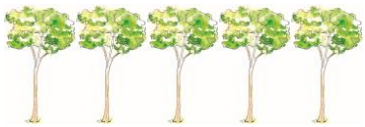

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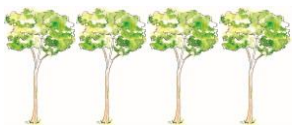


5

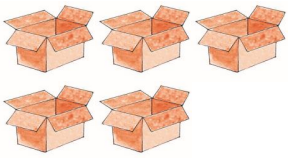
2.

4

6

2

3.



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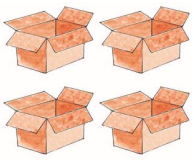
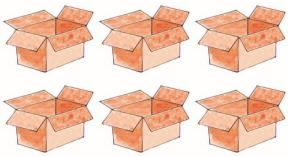


6



5

Home work
Match pictures to numbers

1.

3

5

2

2.

6

4

1

Healthy tip: Please avoid going to places where there are many people in order to protect yourself from Covid 19.

LESSON 10

Dear learner, you are welcome for today's activity. You are going to:

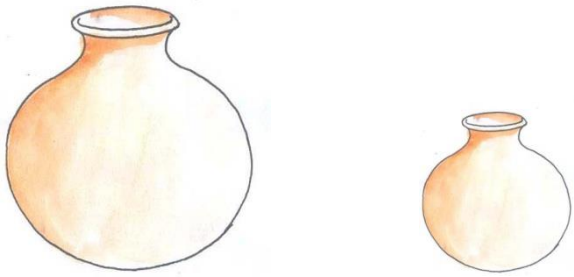
Compare capacity using "less" or "more"
Example 1

A B

Cup A holds more water than cup B.
Cup B holds less water than cup A

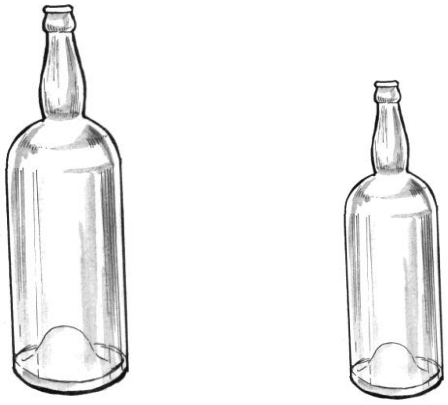
Example 2

(a) Pot x holds more water than pot y
(b) (b) Pot y holds less water than pot x



X Y

I want you to do this work.
Compare using "less" or "more"
You will need a pencil and an exercise book.



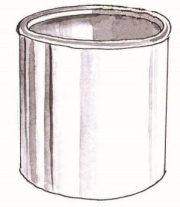
F G

(a) Bottle F holds __ water than bottle G
(b) Bottle G holds __ water than bottle F

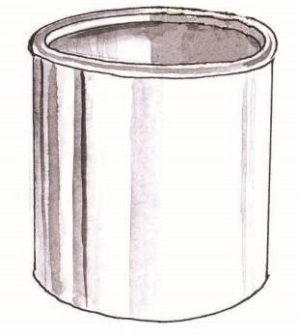
M

N

(a) Jug M holds __ milk than jug N
(b) Jug N holds __ milk than jug M



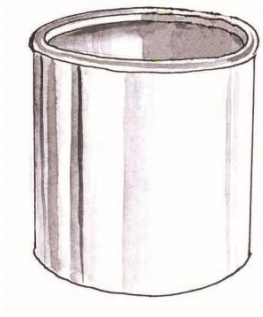
A



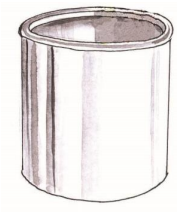
B

(a) Tin A holds __ oil than tin B
(b) Tin B holds __ oil than tin A

Homework



S



T

(a) Container T holds __ than container S
(b) Container S holds __ than container T

Healthy tip: Your safety is important during this COVID-19 period, behave well, do not fight, take care of your personal hygiene, protect yourself and listen to your parents' advice.

LESSON 11

Dear learner, you are welcome for today's activity. You are going to:

- Count using fingers 1- 40
- Fill in the missing numbers

Example 1

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

ŧŧŧŧŧŧŧŧŧ = 10 ŧŧŧŧŧŧŧŧŧ + ŧ = 11

ŧŧŧŧŧŧŧŧŧŧ + ŧŧ = 12

Example 2

21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

I want you to do this work. You need a pencil and a pen

Fill in the missing numbers

1.
   (a) 1, _, 3, 4, 5, _, _, 8
   (b) 10, 11, _, _, _, 15, 16, 17, 18, _, 20
2. (a) 30, 31, 32,_, _, 35
   (b) 36, 37, __, __, 40
3. Count using bundles
   (a) ŧŧŧŧ = __
   ŧŧŧŧŧ ŧŧ = __

Home work

1. Write these numbers correctly

   1 2 3 4 5 6

   __ __ __ __ __ __

   10 11 12 13 14 15

   __ __ __ __ __ __

1. Healthy tip: You can read while at home even when schools are closed because you have a right to education no matter whether you are a boy or girl. Take time to read carefully and learn as much as you can.

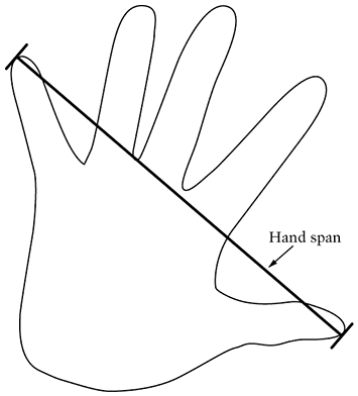
LESSON 12

Dear learner you are welcome for today's activity. You are going to:

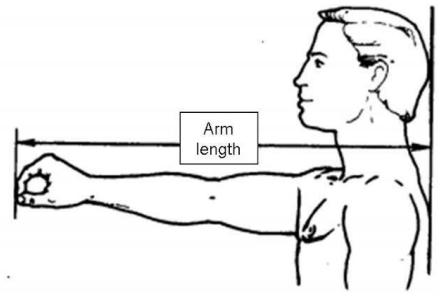
Measure length using our body parts

Example 1

Use the handspan

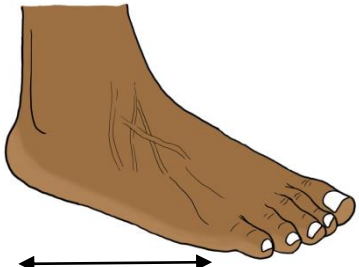


Example 2

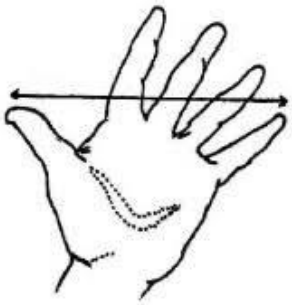


I want you to do this work. Use the parts of the body to measure length around you.

1. Measure around your house using fathom.
2.
3. Measure around your homestead using strides



4. Measure around your sitting room using foot



Measure around your table or stool using a palm

Home work

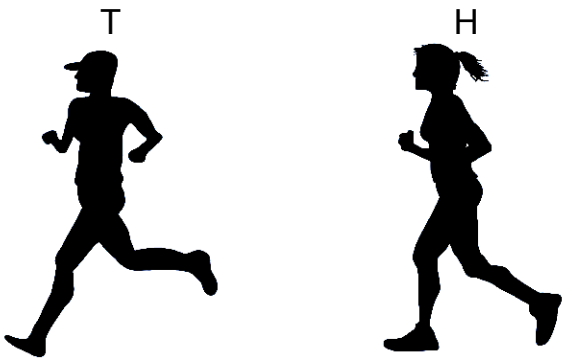
Continue using your body parts to measure in and around your courtyard.

Healthy tip:
1. Play is good for your health but ensure you do not play near flooded rivers and only go swimming with permission from your parents.

LESSON 13

Dear learner, you are welcome to today's activity. You are going to:
Use "longer" or "shorter"

Example 1



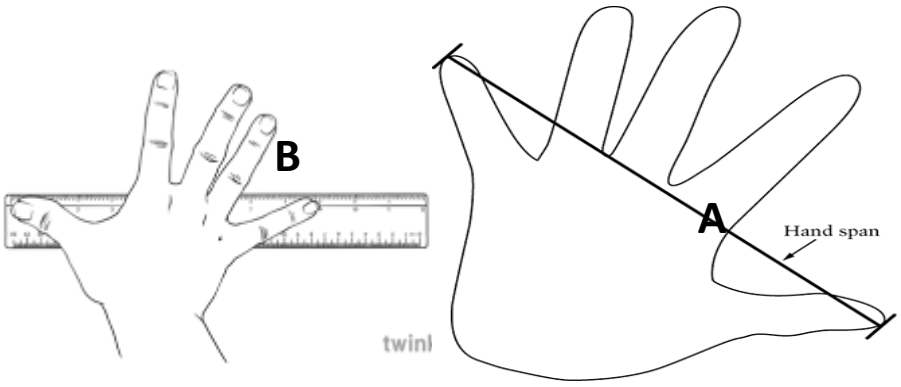
Stride T is longer than stride H.
Stride H is shorter than stride T

Example 2

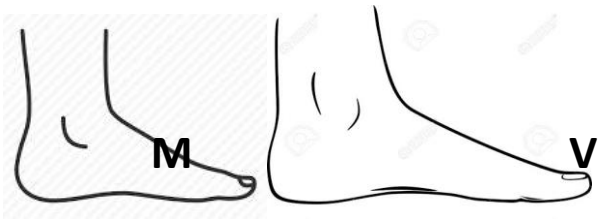
a. Arm length C is shorter than arm length D.
b. Arm length D is longer than arm length C

I want you to do this work.
You need a pencil and an exercise book.

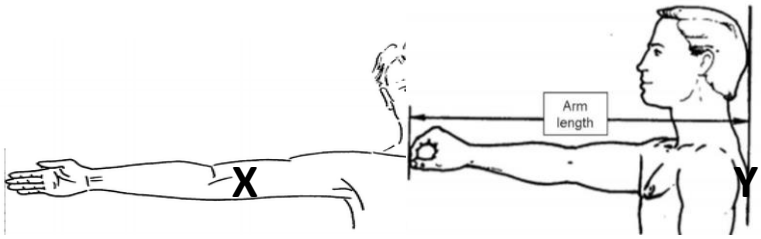
Use "longer" or "shorter"



a. Handspan B is __ than handspan A
b. Handspan A is ___ than handspan B
c.



a. Foot M is ___ than foot V.
b. Foot V is ___ than foot M



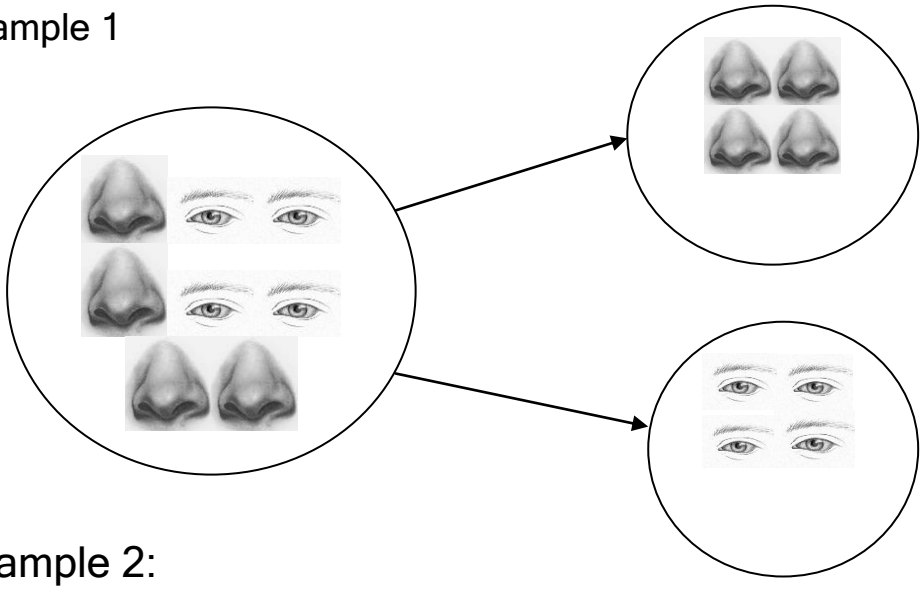
a. Arm's length x is _____ than Arm's length y.
b. Arm's length y is _____ than Arm's length x

Healthy tip: Please avoid going to places where there are many people in order to protect yourself from Covid 19.

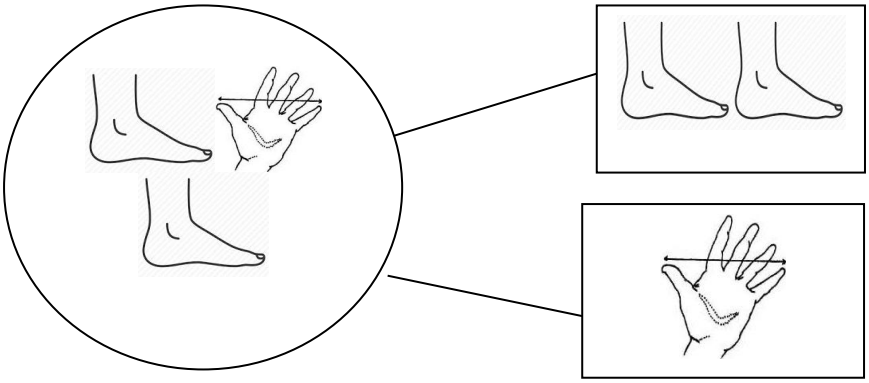
LESSON 14

Dear learner, you are welcome to today's activity. You are going to:
Form sets using body parts.

Example 1

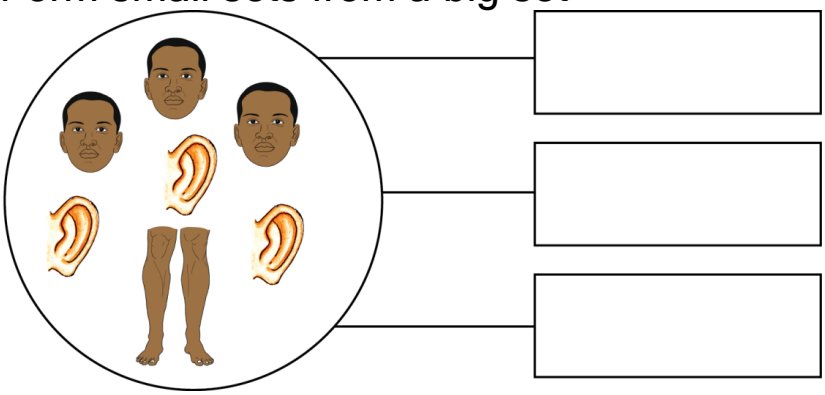


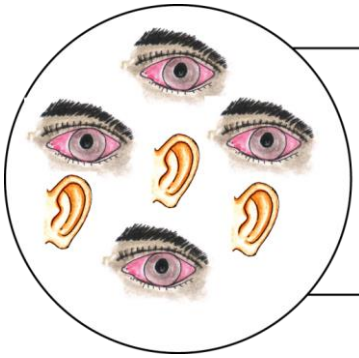
Example 2:



I want you to do this work.
You will need a book and a pencil

1. Form small sets from a big set



2. 

3. Form a set of three eyes

4. Form a set of two heads

Home work

1. Draw sets of
   a. Six legs

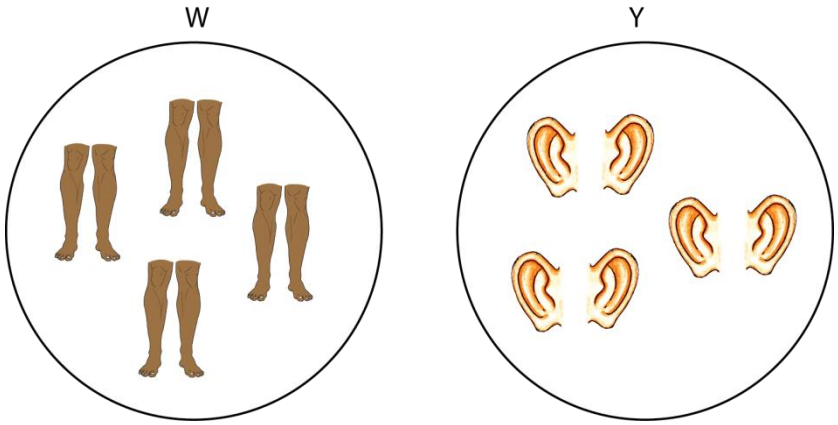
   b. One head

Healthy tip:

Remember to use a sanitizer all the time.
Keep your body clean always

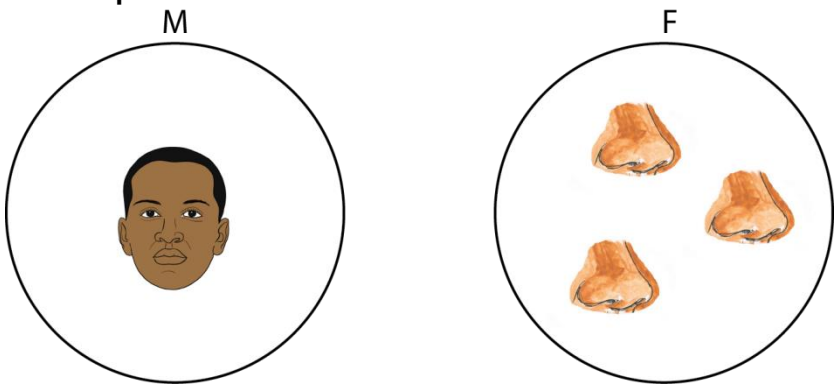
LESSON 15

Dear learner, you are welcome to today's activity. You are going to:
Compare sets:
Use "more" or "less"
Example 1



Set W has more members than Y
Set Y has less members than set W

Example 2

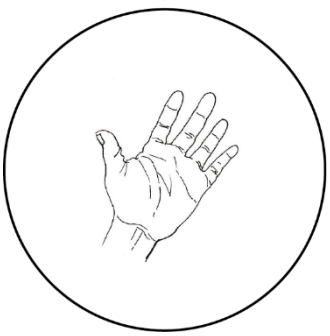


a. Set M has less members than set F
b. Set F has more members than set M

I want you to do this work.
You will need a pencil and an exercise book.
Compare sets using "less" or "more"

1.

S



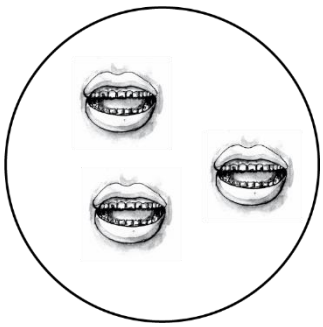
T

a. Set T has ___ members than set S.
b. Set S has _____ members than set T.

2.

K

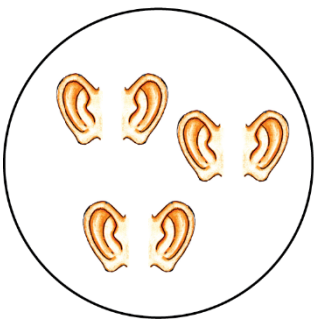
G



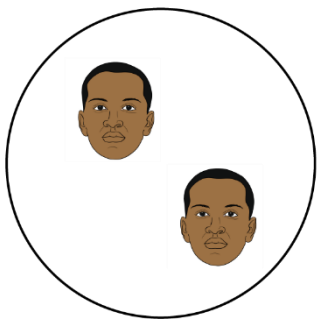
a. Set G has __ members than set K
b. Set K has __ members than set G

3.

N



M



a. Set N has __ members than set M
b. Set M has __ members than set N

Healthy tip: Remember to remind the people at home to wash hands clean with water and soap

LESSON 16

Dear learner, you are welcome to today's activity. You are going to:
Write number symbols from 0 – 20
Example 1
Number symbols 0-10
0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Example 2
Number symbols 11- 20

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

I want you to do this work

You will need a pencil and an exercise book
Fill in the missing numbers

a) 0, 1, _ ,_ 4, 5, _
b) 9, _, _, _, 13, 14
c) 15 ,16, _, _, 19, 20

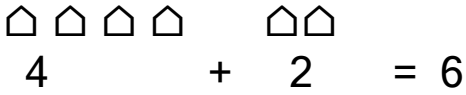
Home work
Continue counting from 1-20 using your fingers and toes on a daily basis.

Healthy tip: Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

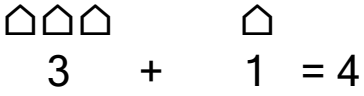
LESSON 17

Dear learner, you are welcome to today's activity. You are going to:
Add two numbers horizontally whose sum is less than 9.

Example 1



Example 2



I want you to do this work
You will need a pencil and an exercise book

Work out these numbers
Add horizontally using body parts

1. 5+ 1 = □
2. 3 + 4 =□
3. 2 + 1 =□
4. 3 + 3 = □
5. 4 + 4 =□

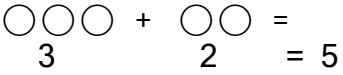
Home work

1. 7 + 2 =
2. 5 + 3 =
3. 3 + 2 =

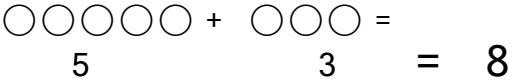
Healthy tip. Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 18

Dear learner, you are welcome to today's activity. You are going to:
Add two numbers horizontally whose sum is less than 9.
Example 1
Add



Example 2



I want you to do this work
You will need a pencil and exercise book.

1. 4 + 4 = □
2. 5 + 2 = □
3. 4 + 2 = □
4. 3 + 3 = □
5. 5 + 4 = □

Home work

1. 3 + 1 =
2. 5 + 1 =
3. 7 + 2 =

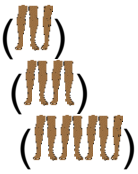
Healthy tip: Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 19

Dear learner, you are welcome to today's activity. You are going to:
Add numbers whose sum is less than 10 vertically.

Example 1

$$\begin{array}{r} 3 \\ +\ 4 \\ \hline 7 \end{array}$$



Example 2

$$\begin{array}{r} 5 \\ +\ 5 \\ \hline 10 \end{array}$$

I want you to do this work
You will need a pencil and an exercise book.
Work out these numbers:

$$\begin{array}{r} 2 \\ +\ 3 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\ 2 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\ 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +\ 3 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\ 3 \\ \hline \\ \hline \end{array}$$

Home work

$$\begin{array}{r} 5 \\ +\ 1 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ +\ 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +\ 4 \\ \hline \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ +\ 7 \\ \hline \\ \hline \end{array}$$

Healthy tip

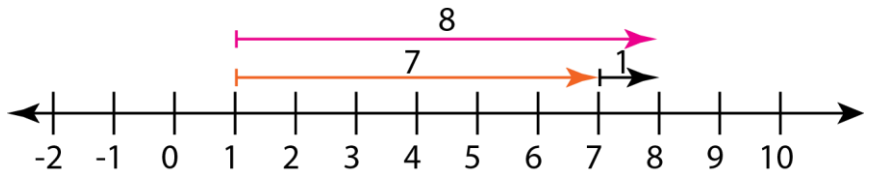
Avoid touching your soft parts ; eyes , nose, mouth in order not to be infected with covid19

LESSON 20

Dear learner, you are welcome to today's activity. You are going to add using a number line.

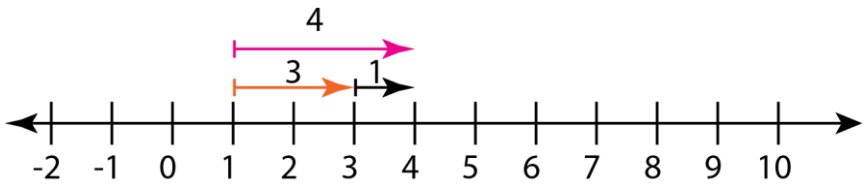
Example 1:

(a) 7 + 1 = 8



Example 2

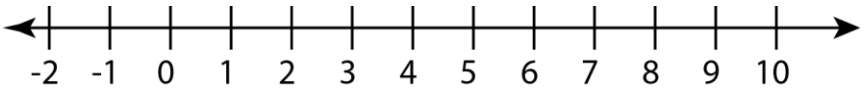
3 + 1 = 4



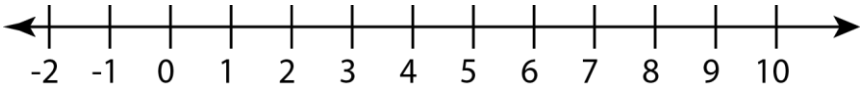
I want you to do this work
You need a pencil and an exercise book.

1.Add these numbers using a number line

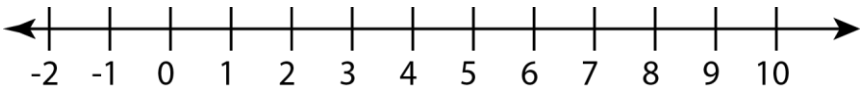
1). 2 + 2 = _____



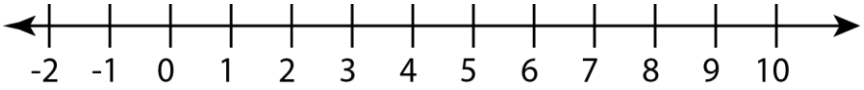
2). 2 + 3 _____



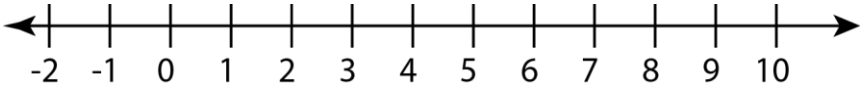
3). 4 + 4 =



4). 5 + 5 =



5). 7 + 1 =



Home work

1. 2 + 0 =
2. 3 + 2 =

Healthy tip: Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 21

Dear learner, you are welcome to today's activity. You are going to:
Tell months of the year.

There are 12 (twelve) months in a year. These are: 1. January 2. February 3. March 4. April 5. May .....
You will need a pencil and an exercise book.

The first month of the year is January.
December is the last month of the year.
We are now in the month of June
We celebrate Christmas in December

I want you to do this work
You need a pencil and an exercise book.

1. There are ___ months in a year.
2. _____ is the first month in a year.
3. The last month of the year is _____
4. _____ is the fourth month of the year

Home work

1. When do we celebrate Christmas?
2. What is the second month of the year?

Healthy tip:
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 22

Dear learner, you are welcome to today's activity. You are going to:
Solve word problem in addition.

Example:
Jane has 2 pencils. Sarah has 1 pencil. How many pencils do they have altogether?
Jane 2 pencils
Sarah + 1 pencil

3 pencils
They all have 3 pencils

Example 2
Tom has 5 balls. James has 2 balls. How many balls do they have all together?

Tom 5 balls
James + 2 balls
7 balls
They all have 7 balls

I want you to try the following numbers:
1.Peter has 4 books.
John has 1 book. How many books do they have all together?

Peter 4 books
John + 1 book

Both have __ books altogether

2. Betty has 3 eggs.
Namoda has 3 eggs. How many eggs do they have all together?

Betty has 3 eggs
Namoda has + 3 eggs

Both have ___ eggs altogether

3. Mum has 5 kgs of beans. Daddy has 2 kgs of beans. How many kgs of beans do they have altogether?
   Mum has 5kgs of beans
   Daddy has + 2kgs of beans
   Both have ___

4. Kule has 2 oranges. Akol has 2 oranges. How many oranges do they have altogether?

Kule has 2 oranges
Akol + 2 oranges
___
Both have ___ oranges

Home work

1. Get three pencils and add on one pencil. How many pencils do you have now?
2. Count five small stones. Add more two stones. How many stones have you counted altogether?

Healthy tip: Always sleep under a treated mosquito net to protect yourself against malaria.

LESSON 23

Dear learner, you are welcome to today's activity. You are going to:
Subtract.
Subtraction or take away.

Example 1:
Five eggs take away one egg leaves four eggs

5 - 1 = 4

Example 2
Six balls take away three balls leaves three balls

6 - 3 = 3

I want you to do this work:

1. Seven cups take away 2 cups leaves _____ cups.

   7 - 2 = ☐

2. 3 stones take away 2 stones leaves _____ stones.

   2 - 2 = ☐

3. Six pots, 2 pots break. How many remain?

   6 - 2 = ☐

4. Four bananas, you eat two bananas. How many remain?

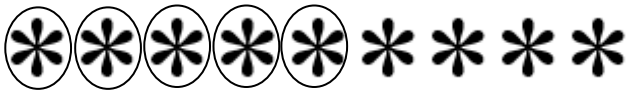
   4 - 2 = ☐

Healthy tip: Always sleep under a treated mosquito net to protect yourself against malaria.

LESSON 24

Dear Learner, you are welcome to today's activity. You are going to:
Take away
Example
Take away

Example 1



9 - 5 = 4

Example 2

10 - 6 = 4

I want you to do this work.
You need a pencil and an exercise book

1. 7 - 4 = _____
2. 4 - 2 = _____
3. 6 - 2 = _____
4. 5 - 3 = _____
5. 3 - 0 = _____

Home work

1. 7 - 2 = ____
2. 9 - 5 = ____

LESSON 25

Dear learner, you are welcome to today's activity. You are going to:
Take away
Example 1:

Adam had 7 bananas. He took away 1 banana. He now has

7 bananas
- 1 banana
6 bananas

Example 2

Kato had 3 pens, he gave away 2 pens. He now has

3 pens
- 2 pens
1 pen

I want you to do this work. You will need a pencil and an exercise book.

1) A boy had 6 goats. He sold 2 goats. He now has

2 Goats
- 2 goats

2. A teacher had 4 books. She gave away 2 books. She now has

4 books
2 books
Books

3. Opolot had 7 sweets. He ate 4 sweets. He now has

3 Sweets
- 4 sweets

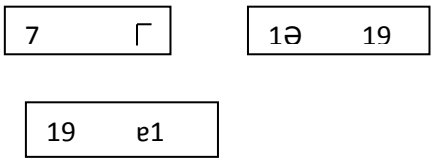
4. Bira had 5 apples. She ate them all. She now has

4 Apples
- 5 apples

LESSON 26

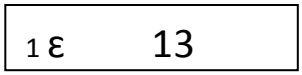
Dear learner, you are welcome to today's activity. You are going to:
Count and write numbers from 1- 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 .....

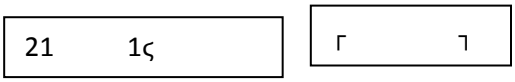
Writing numbers correctly



I want you to do this work.
You need a pencil and an exercise book.

fill in the missing numbers
1. 20 __ __ 23 24 __
2. 30 __ __ 33 34 _ 36
3. 11, 12, 13, __, __, 16, __
4. Identify the correct number

a. 

b. 

Home work
1.count numbers 1 – 10 using your fingers
2. Count numbers 1- 10 while jumping
3. Count numbers 1- 20 while skipping the rope.

LESSON 27

Dear learner, you are welcome to today's activity. You are going to: Read number symbols from 1-30

Example 1

Read numbers 1- 30

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

Example 2

Identify the correct numbers

ə1 16	1P 19

Example 3

Read backward

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

20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10

I want you to this work. You need a pencil and an exercise book.

1. Read the following numbers numbers
   a. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
   b. 11, 12, 13, 14, 15, 16, 17
2. Read backwards: 18, 17, 16, 15, 14, 13, 12

3. Identify the correct number

s┌ 27	23 ɛs	33 ɛɛ

Homework

Count while reading numbers 1- 20

Healthy tip; Remember to wash your hands with water and soap always. Remember o keep a distance of 4 meters from a friend to remain covid 19 free

LESSON 28

Dear learner, you are welcome to today's activity. You are going to: Add numbers whose sum is less than 20 vertically without carrying

Example 1

```
T        0
1        1  /
+        5  /////
_______
 1       6
_______
```

```
T       0
1       3 ///
+ ____3 ///
  ____ 6
```

I want you to work out these numbers. You will need a pencil and an exercise book.

1.

T	H
1	2
+	4

2.

T	H
2	4
+	5

3.

T	TM
1	7
+	1

4.

T	H
1	2
+	1

<u>Healthy Tip</u>
Remember to wash your hands with water and soap always
Use a mask to cover your nose and mouth in order to fight Covid 19.

LESSON 29

Dear learner, you are welcome to today's activity. You are going to:
Read number names from 1-5
Example 1
Number names

Zero	three
One	four
Two	five

Example 2
Number names and their symbols

Number	Name
0	zero
1	one
2	two
3	three
4	four
5	five

I want you to do this work

1. Fill in the missing letters

z__ ro
t__ o
fo__r
thr__ __

2. Write these number names correctly

Ourf
Ivef
Tow

3. Write the names of the following numbers

2_____
3_____
4_____

Home work

Collect several objects like beans, cups, stones, mangoes, oranges
Now you can group your objects according to number symbols and names.
e.g

= 3 = three

Healthy tip: Always sleep under a treated mosquito net to protect yourself against malaria.

LESSON 30

Dear learner, you are welcome to today's activity. You are going to:
Write number names
Match number names

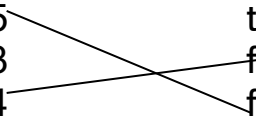
Example 1

1	one
2	two
3	three
4	four
5	five

Example 2

Let's match the numbers to their names

2	one
1	two
5	three
3	four
4	five



Activity

1. Now let us write these
   a. 2 _____
   b. 5 _____
   c. 1 _____
   d. 0 _____
2. Now write these numbers
   One _____
   Four _____
   Two _____
   Five _____
   Three _____
   Zero _____
3. Match the numbers to their names

1	five
1	two
2	three
3	four
5	one

Home work

Continue collecting objects as yesterday as you group them according to number names 1-5

Healthy tip:
Remember to wash your hands with water and soap always.
Remember to keep a distance of 4 meters from a friend to remain covid 19 free

HOME-STUDY MATERIAL

PRIMARY ONE

TERM TWO

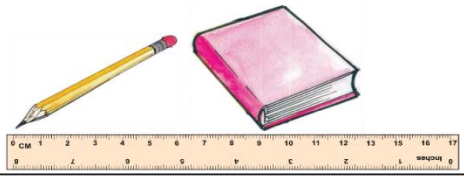
MATHEMATICS

THEME: WEATHER

LESSON 1

Hello everyone, You are welcome to this lesson.

Dear parent/guardian/sibling, help the learner get space for doing this activity. Provide him/her with these materials ready for the lesson.



Dear learner; in this lesson we are going to;

Count numbers up to 20

Read and write number symbols 1 – 20

Match the number names to number symbols.

You can use sticks, stones, straws or leaves to count.

ACTIVITY	WHAT TO DO
Activity 1	Let us count the beads

=1 = one

=2 = two

=3 = three

=4 = four

=5 = five

= ☐ = six

= ☐ = Seven

= ☐ = eight

= ☐ = nine

=10 = ten

10 and 1 = 11 = eleven

10 and 2 = 12 = twelve

10 and 3 = 13 = Thirteen

10 and 4 = ☐ = Fourteen

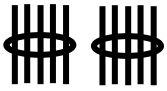
10 and 5 = ☐ = Fifteen

10 and six = ☐ = sixteen

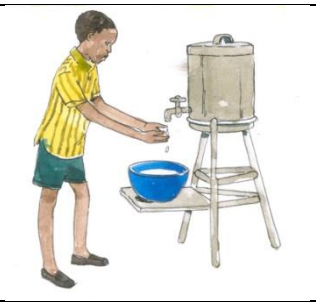
10and seven = ☐ = seventeen

10and eight = ☐ = eighteen

10and eight = ☐ = eighteen


= ☐ = twenty

10 and ten

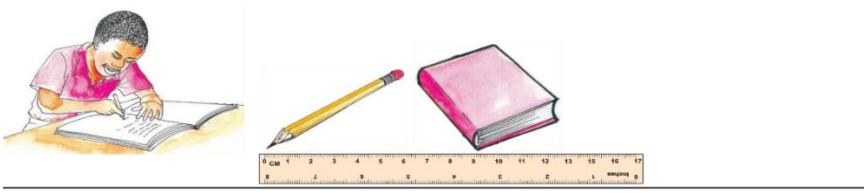
Activity 2	**Now let us get our pencil, book and rubber** Match number names to number symbols. **A** 5 13 18 20 **B** thirteen eighteen twenty five **THANK YOU**
COVID MESSAGE	

THEME: WEATHER

LESSON 2

Hullo all, You are welcome to this lesson.

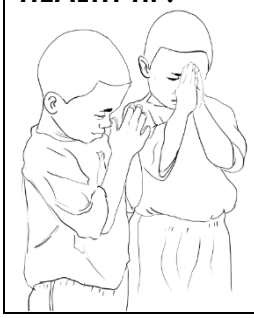
Dear parent/guardian/sibling, help the learner to get space for doing this activity. Provide him/her with these materials required for the lesson.

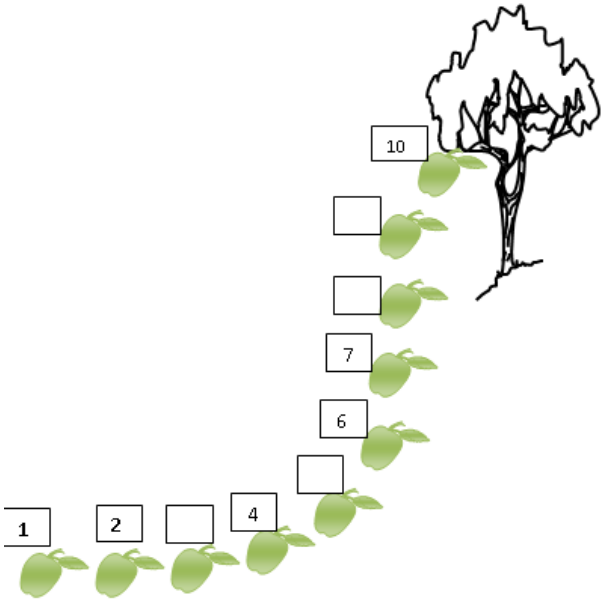


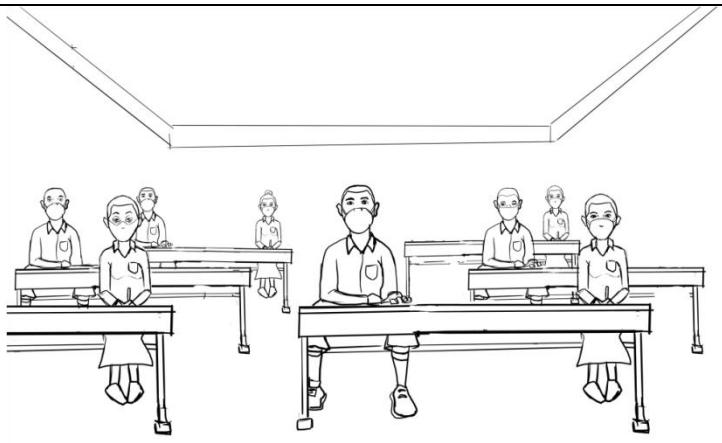
Dear learner, in this lesson, we are going to;

- Count numbers up to 20
- Sequence numbers
- Read and write number names.

HEALTH TIP:



ACTIVITY	WHAT TO DO
Activity 3	**Now let us get our pencil, book and rubber** Let us count and fill the missing numbers 

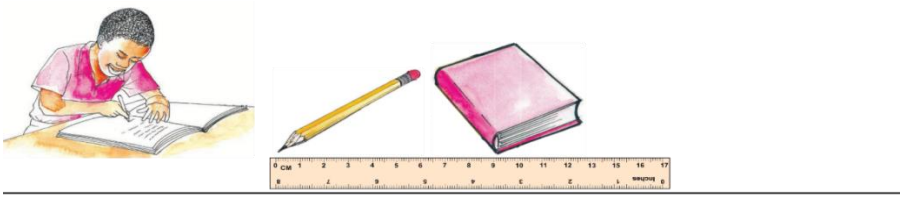
Activity 4	Let us write numbers **Example A** Fourteen = 14 Sixteen = 16 **Now let us get our pencil,book and rubber.** Let us try these. Write the numbers. a).eleven = ☐ b).fifteen = ☐ c).nineteen = ☐ d).twenty = ☐
Activity 5	**Let us write words** **Example A** **Example B** 12 = Twelve 14 = fourteen **Now let us get our pencil,book and rubber.** Now,let us try these. Write words 17 = _____ 18 = _____ **Well done**
COVID MESSAGE	

THEME: WEATHER

LESSON 3

Hello everyone, you are welcome to this lesson.

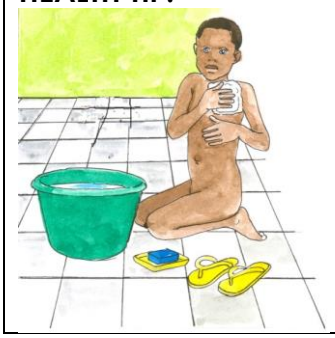
Dear parent/guardian/sibling, help the learner to get space for doing this activity. Provide the learner with the following materials needed for this lesson.

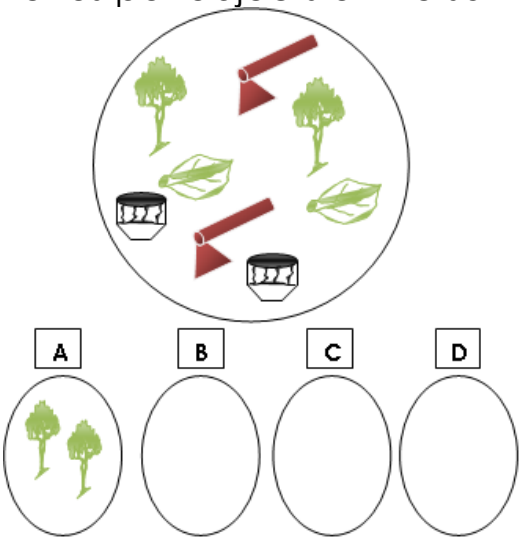


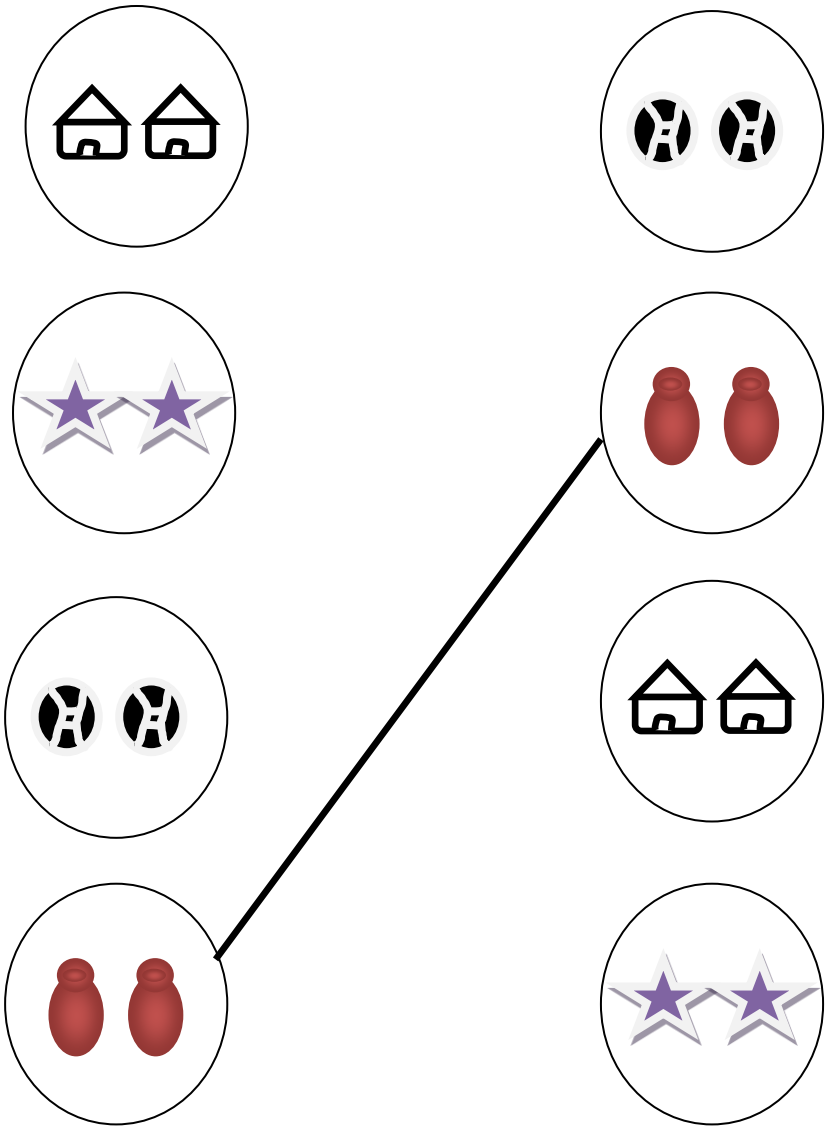
Dear learner, in this lesson we are going to;

- Form sets
- Match sets
- Recognize sets

HEALTH TIP:



ACTIVITY	WHAT TO DO
Activity 6	**Now let us get our pencil,book and rubber.** Let us put objects of the same kind together 

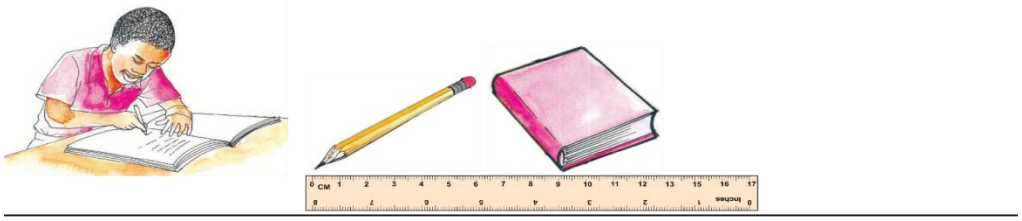
Activity 7	**Now let us get our pencil,book and rubber.** Match the same sets  **Well done**
COVID MESSAGE	

THEME: WEATHER

Lesson: 4

Hello all, you are welcome to this lesson.

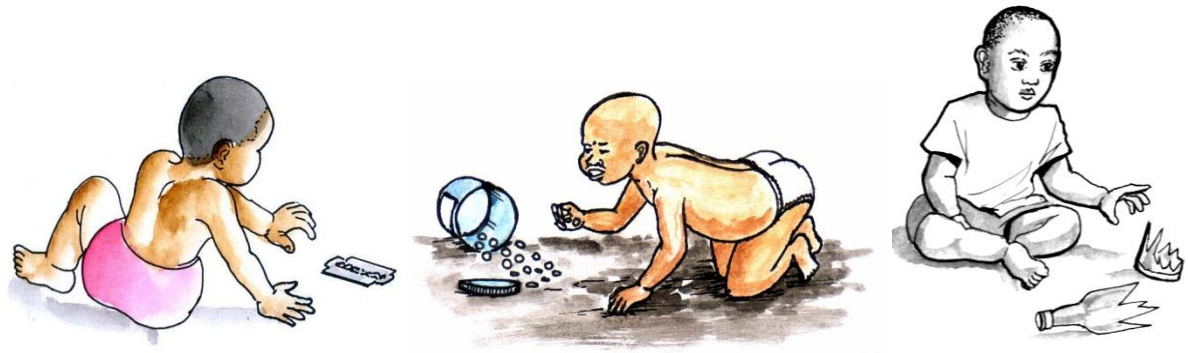
Dear parent/guardian/sibling helps the learner to get space for doing this activity. Provide him/her with materials required for this lesson

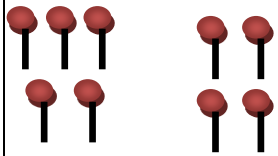
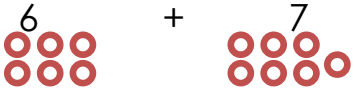


Dear learner in his lesson we are going to:

- Use simple drawings of sticks or balls to add
- Arrange the digits of each number according to place values
- Add 1 and 2 digit numbers[horizontally and vertically]

HEALTH TIP:

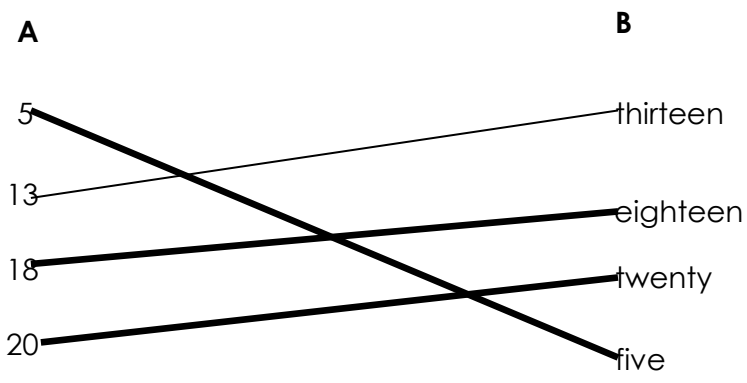


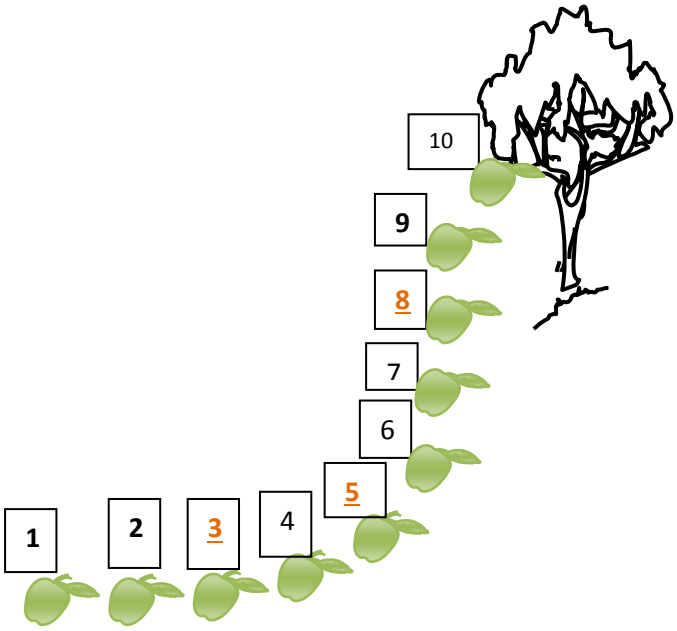
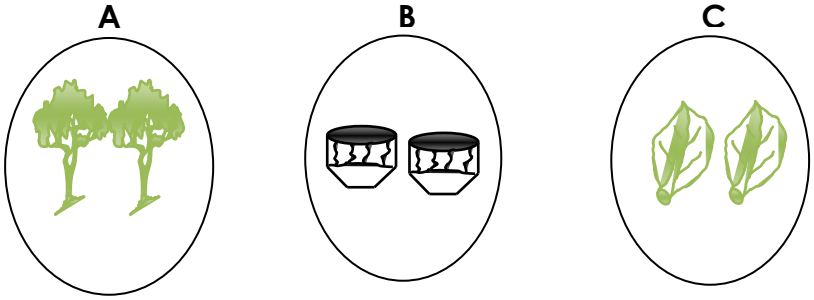
ACTIVITY	WHAT TO DO
Activity 8	Adding numbers up to 20. Let's add: **Example 1** 5 + 4 = **9**  **Example 2** 6 + 7 = **13** 

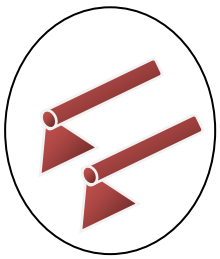
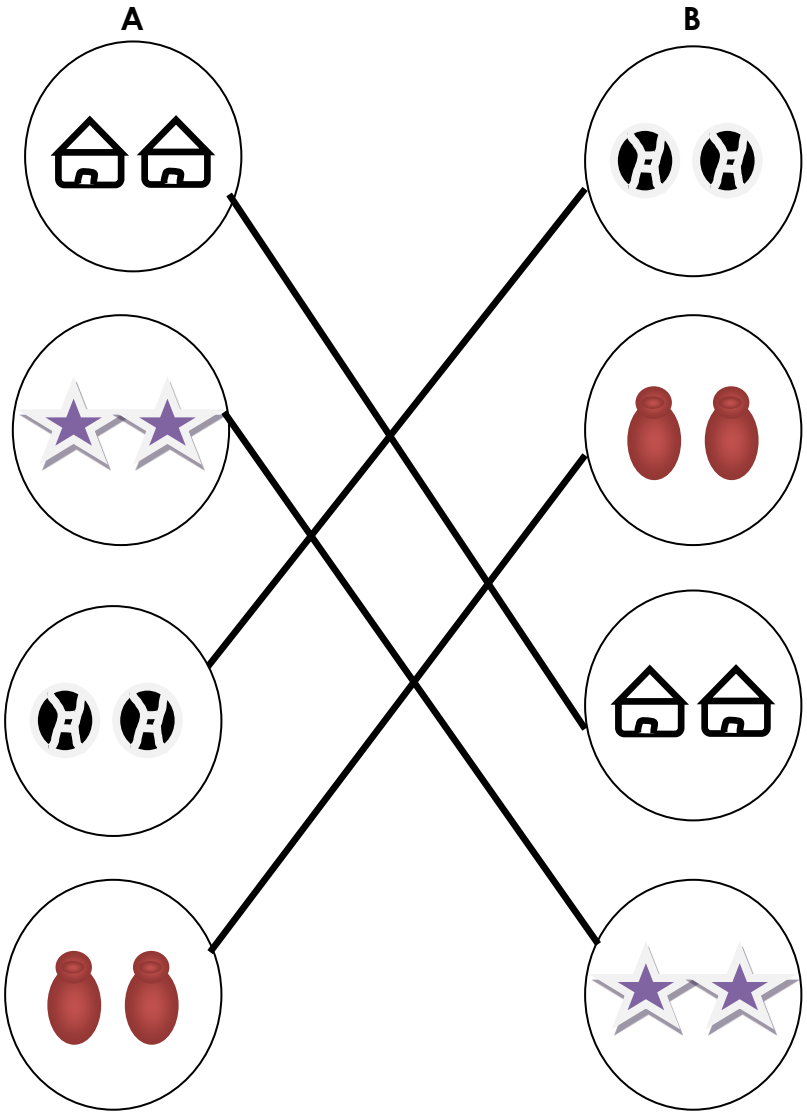
	Now let us get our pencil,book and rubber. Now add these: 4 + 8 = 4 + 7 = 6 + 9 = 9 + 2 =
Activity 9	Let us do some more addition. **Example 1** 6 + 7 **1 3** **Example 2** 8 + 6 **1 4** **Now let us get our pencil,book and rubber.** Now,add these 8 + 5 = 6 + 6 = 7 + 9 = 9 + 9 = **Thank You**
COVID MESSAGE	

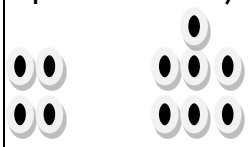
THEME : WEATHER

MARKING GUIDE

ACTIVITY	EXPECTED ANSWER
Activity1	Let's count the bundles and sticks. = 14 Fourteen 10 and 4 = 15 Fifteen 10 and 5 = 16 Sixteen 10 and 6 = 17 Sixteen 10 and 7 = 18 Eighteen 10 and 8 = 19 nineteen 10 and 9 = 20 twenty 10 and 10
Activity 2	Match number names to number symbols. 

Activity 3	Let us count and fill the missing numbers. 
Activity 4	Write numbers a).eleven = 11 b).fifteen = 15 c).nineteen = 19 d).twenty = 20
Activity 5	Write words. 17 = seventeen 18 = eighteen
Activity 6	

	D 
Activity 7	Match the same sets. 
Activity 8	4 + 8 = **12**

	4 + 7 = **11**  6 + 9 = **15** 9 + 2 = **11**
Activity 9	8 + 5 **1 3** 6 + 6 1 2 7 + 9 **1 6**

	9 + 9 **1 8**

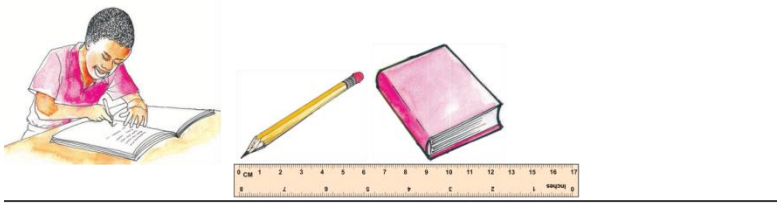
Competences for assessment

- Count to 20 in correct order
- Recognize and write number symbols to 20.
- Write number names 'one' to 'five'
- Add horizontally and vertically to sums less than 20, no carrying.
- Identify place values in a 2 – digit number.

THEME: ACCIDENTS AND SAFETY

LESSON 5

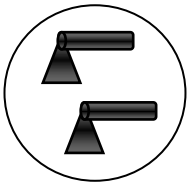
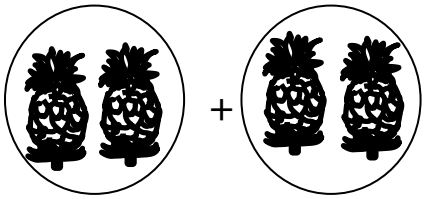
Hello everyone, you are welcome to this lesson. Dear parent/guardian/sibling, help the learner to get space for doing this activity. Provide the learner with the following materials required for this lesson.



Dear learner, in this lesson we are going to;

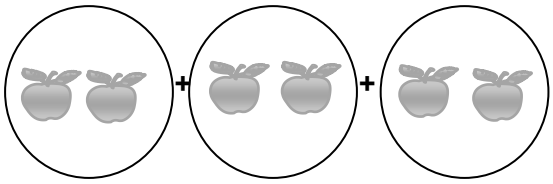
- Arrange objects in groups of twos.
- Count number of objects in all groups.
- Multiply 1 digit number by 2.

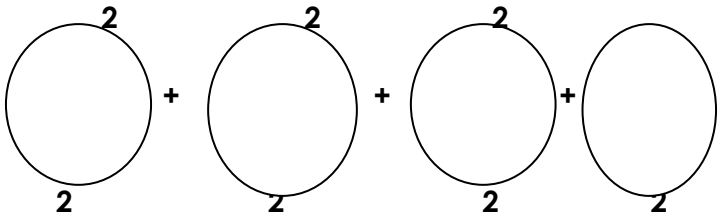
HEALTH TIP:

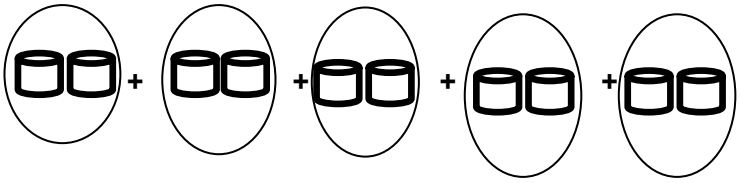
ACTIVITY	WHAT TO DO
ACTIVITY 1	Let us multiply **Example 1** 1 × 2 =  = 2 2 × 2 =  2 2

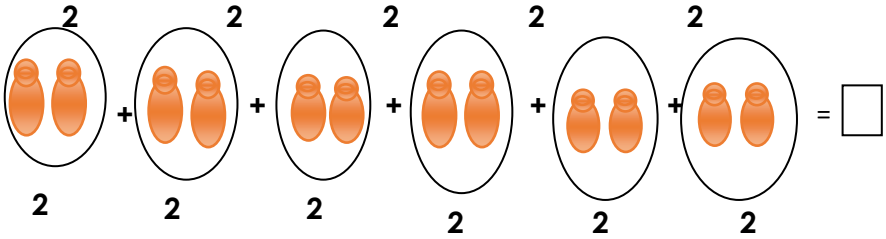
Now let us get our pencil,book and rubber.

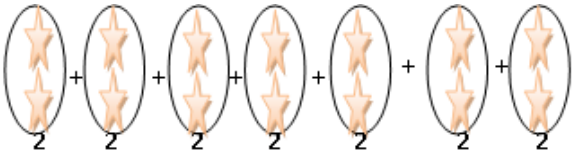
Now, let us multiply these

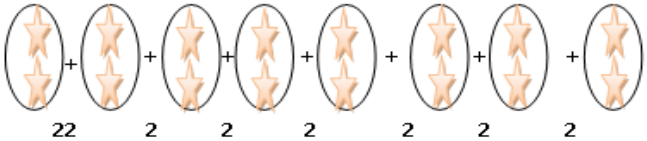
3 × 2 =  = ☐

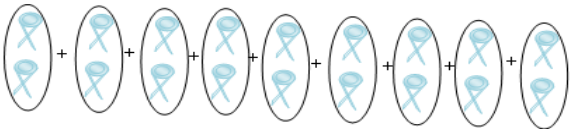
4 × 2 =  = ☐

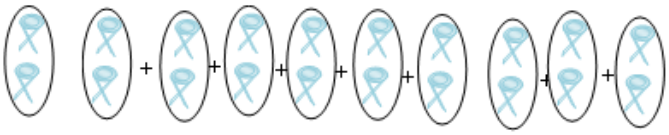
5 × 2 =  = ☐

6 x 2  = ☐

7 × 2 =  ☐

8×2 =  = ☐

9 × 2 =  = ☐

10 × 2 =  = ☐

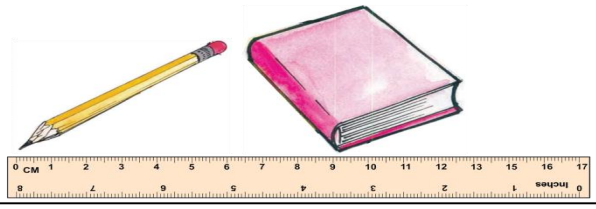
Thank you

COVID MESSAGE

THEME: ACCIDENTS AND SAFETY

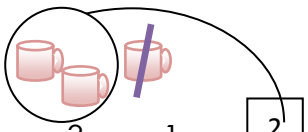
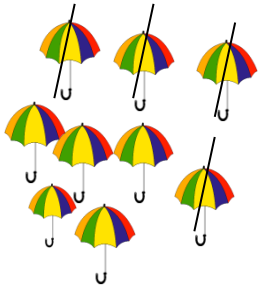
LESSON 6

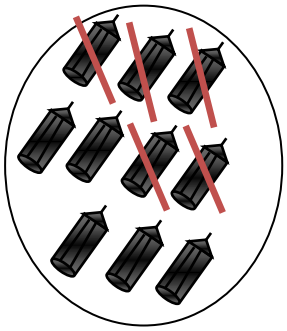
Hello everyone, you are welcome to this lesson.
Dear parent/guardian/sibling help the learner to get space for doing this activity .provide him/her with the following materials required for this lesson.



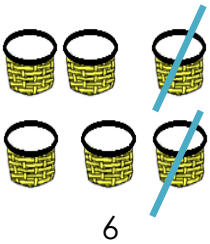
Dear learner, in this lesson, we are going to;
-Take away some objects from a group.
-Use the symbol for take away
-Subtract numbers up to 10.

HEALTH TIP:

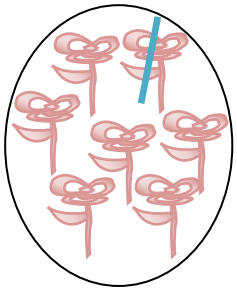
ACTIVITY	WHAT TO DO
Activity	Let us take away. Example 1  3 – 1 = 2 4 – 2 = 2 **Now let us get our pencil,book and rubber.** **Now, try these** **Take away.**  9 – 4 = ☐



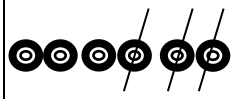
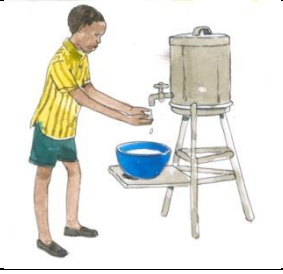
10 - 5 = ☐



6 - 2 = ☐

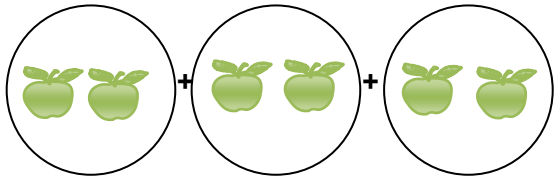
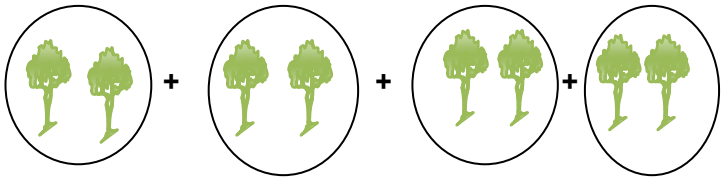
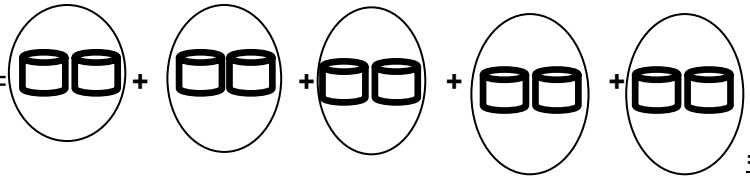
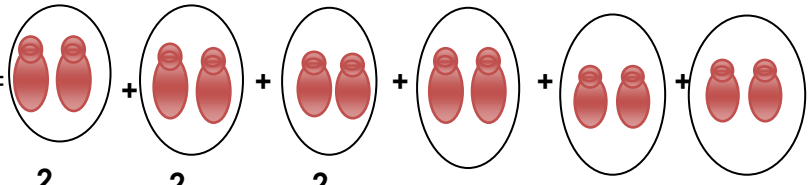
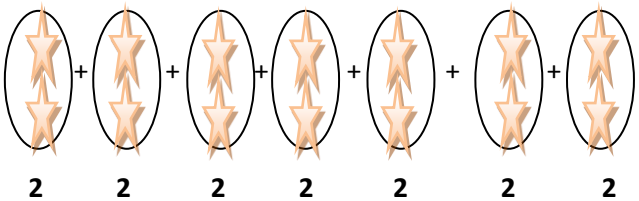
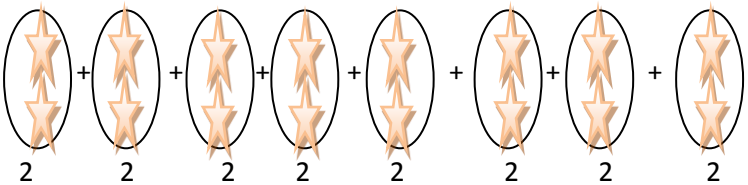
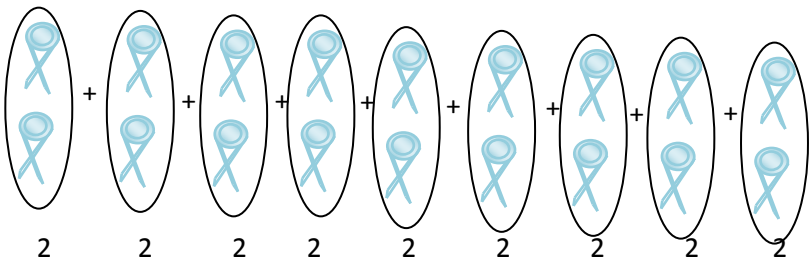


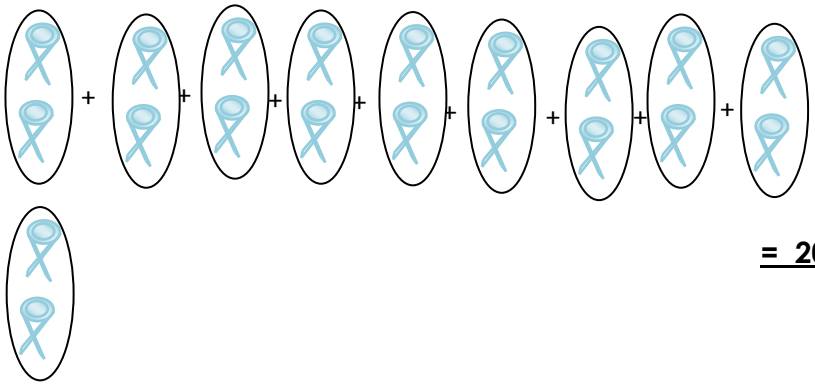
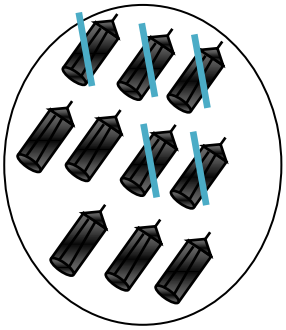
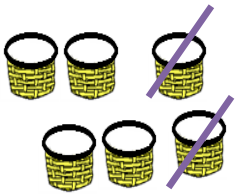
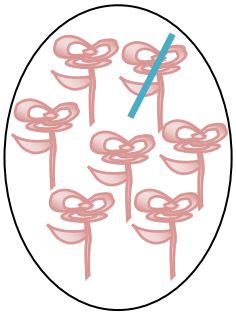
7 - 1 = ☐

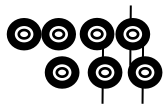
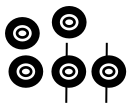
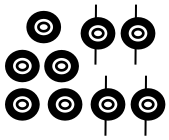
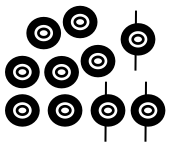
Activity 3	Let us draw the balls and take away. **Example 1** 9 - 5 = 4  6 - 3 = 4 **Now let us get our pencil,book and rubber.** Now try these 7 - 3 = 9 – 4 = 5 – 2 = 10 – 3 =
COVID MESSAGE	

THEME: ACCIDENTS AND SAFETY

MARKING GUIDE

ACTIVITY	WHAT TO DO
Activity 1	3 × 2 =  6 2 2 2 4 × 2  8 2 2 2 2 5 × 2 =  = 10 = 14 2 2 2 2 2 6 × 2 =  = 12 2 2 2 2 2 2 = 7 × 2  2 2 2 2 2 2 2 8 × 2=  = 16 2 2 2 2 2 2 2 2 9 × 2 =  = 18 2 2 2 2 2 2 2 2 2

	10 × 2 =  **= 20**
Activity 2	 **9 - 4 = 5**  10 - 5 = **5**  **6 - 2 = 4**  7 - 1 = **6**

Activity 3	 7 - 3 = 4  5 - 2 = 3  9 - 4 = 5  10 - 3 = 7

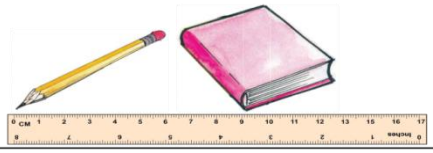
Competences for assessment

- Show multiplication of 2 as repeated addition.
- Subtract up to 10 using concrete materials.
- Recognize the symbol for subtraction.

THEME: LIVING TOGETHER

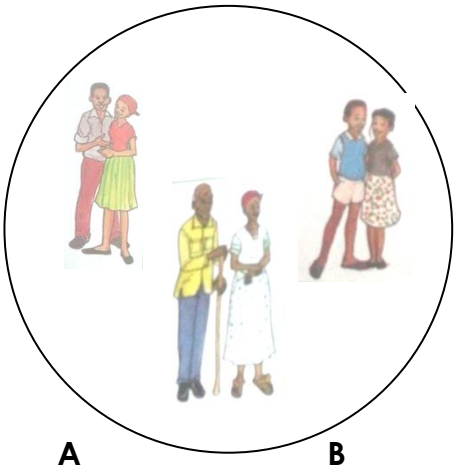
LESSON 7

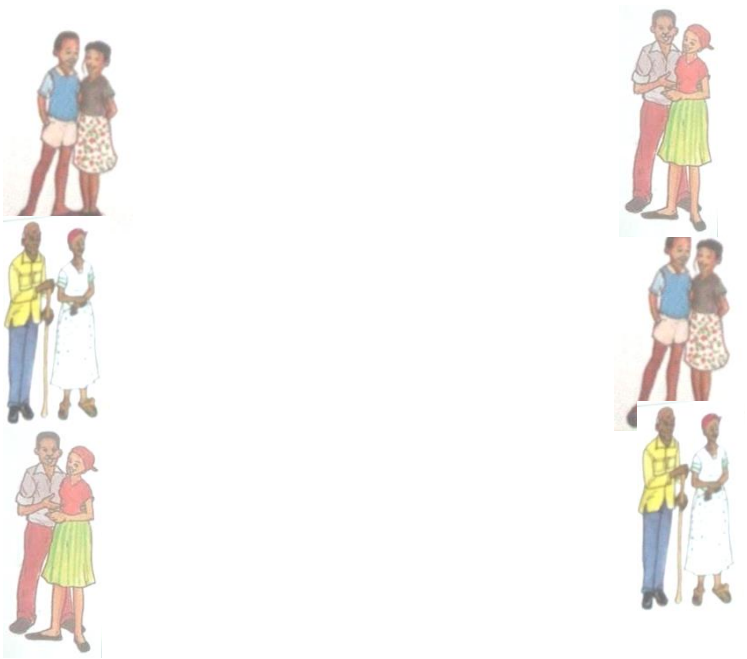
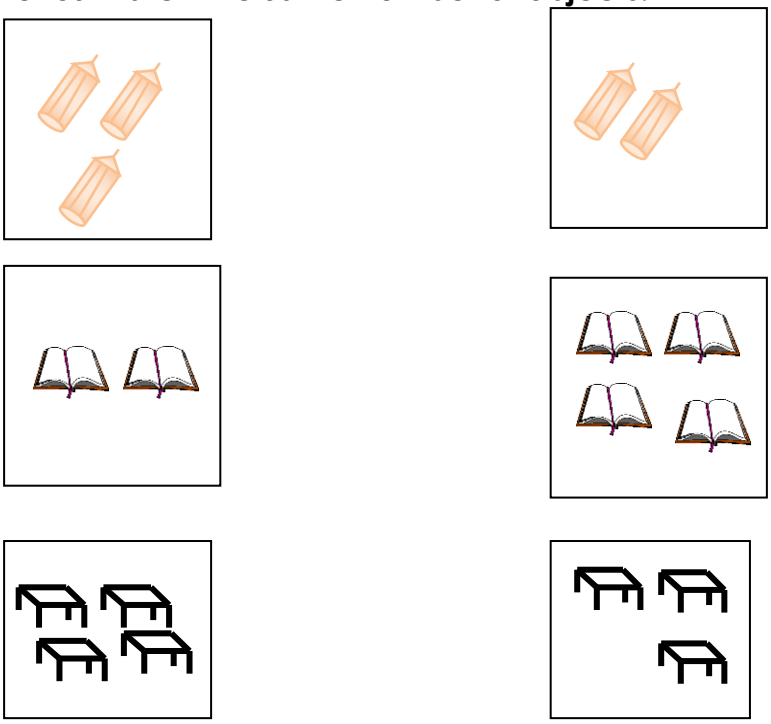
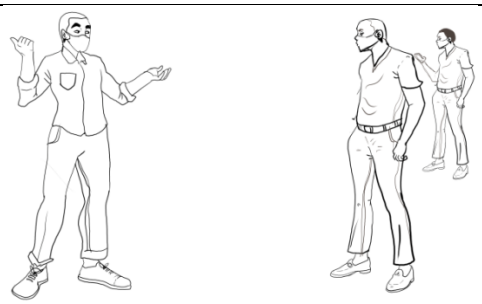
Hello, you are welcome to this lesson.
Dear parent/guardian/sibling help the learner to get space for doing this activity .provide him/her with the following materials required for this lesson.



Dear learner, in this lesson, we are going to;
- Form sets
- Group objects
- Count and match sets with the same number of members.

Health tip:

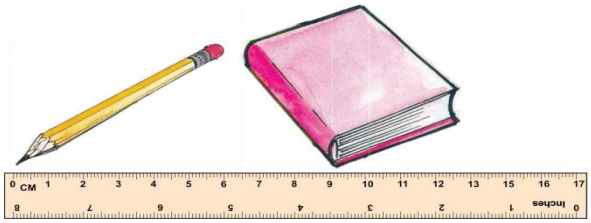
ACIVITY	WHAT TO DO
Activity4	**Now let us get our pencil,book and rubber.** Let us form sets by grouping.  A B C

	Let us match the same **A** **B** 
Activity 5	**Let us match the same number of objects.** 
COVID MESSAGE	

THEME: LIVING TOGETHER

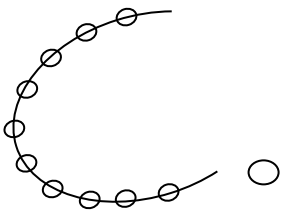
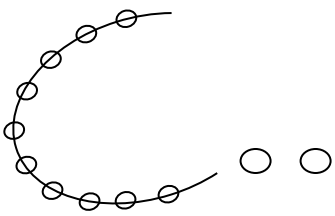
LESSON 8

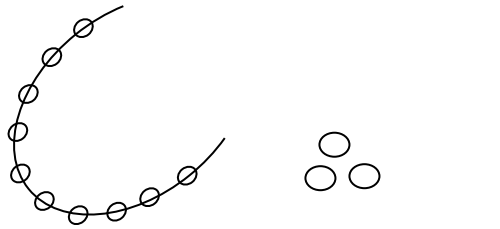
Hello, you are welcome to this lesson.
Dear parent/guardian/sibling help the learner to get space for doing this activity .provide him/her with the following materials required for this lesson.



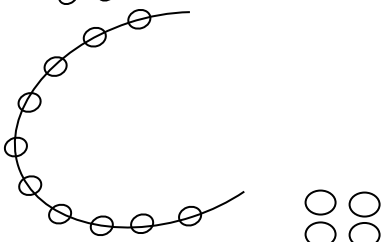
Dear learner, in this lesson, we are going to;
- Count the beads
- Write number names 11-20
- Write number symbols.

Health tip:

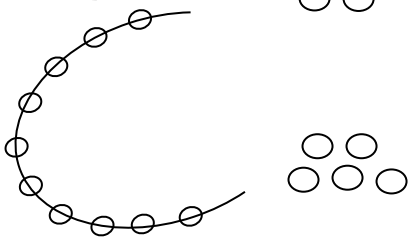
Activity	What to do
Activity 6	**Let us count and read.**  11 eleven  12 Twelve



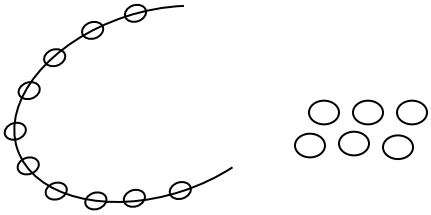
13 thirteen



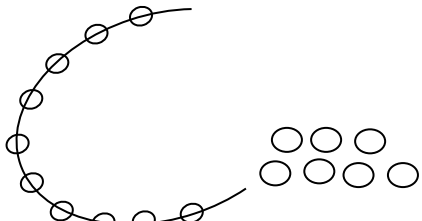
14 fourteen



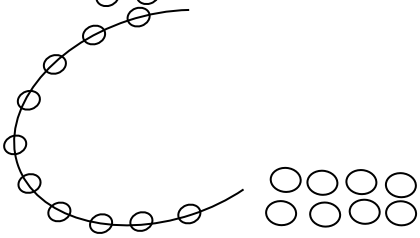
15 fifteen



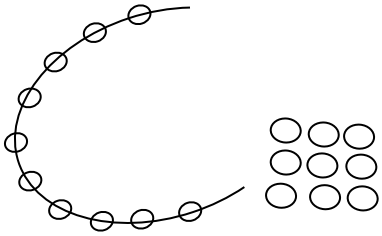
16 sixteen



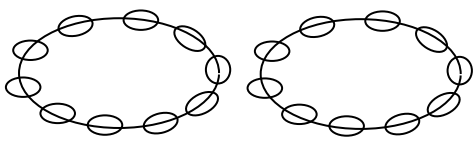
17 seventeen



18 eighteen



19 nineteen



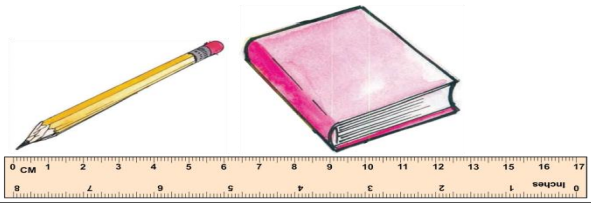
20 twenty

Activity 7	**Now let us get our pencil,book and rubber.** **Write number names** **12** **15** **Thank you**
COVID MESSAGE	**Always avoid touching your soft parts i.e nose, eyes and mouth**

THEME: LIVING TOGETHER

Lesson 9

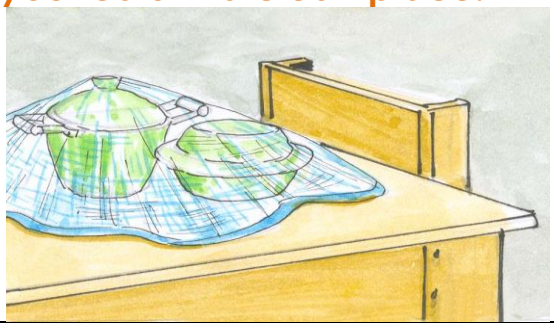
Hello, you are welcome to this lesson.
Dear parent/ guardian/sibling, help the learner to get space for doing this activity. Provide him/her with the following materials required for this lesson.



Dear learner, in this lesson we are going to;

- Use counters to add.
- Use simple drawings of sticks or balls to add ones and tens.
- Arrange digits of each number according to their place values.
- Add 1 and 2 digit numbers without carrying.

Health tip: **Keep your eats in a clean place.**

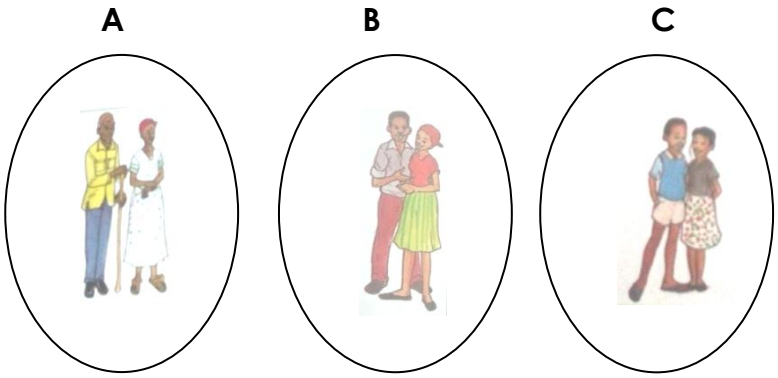
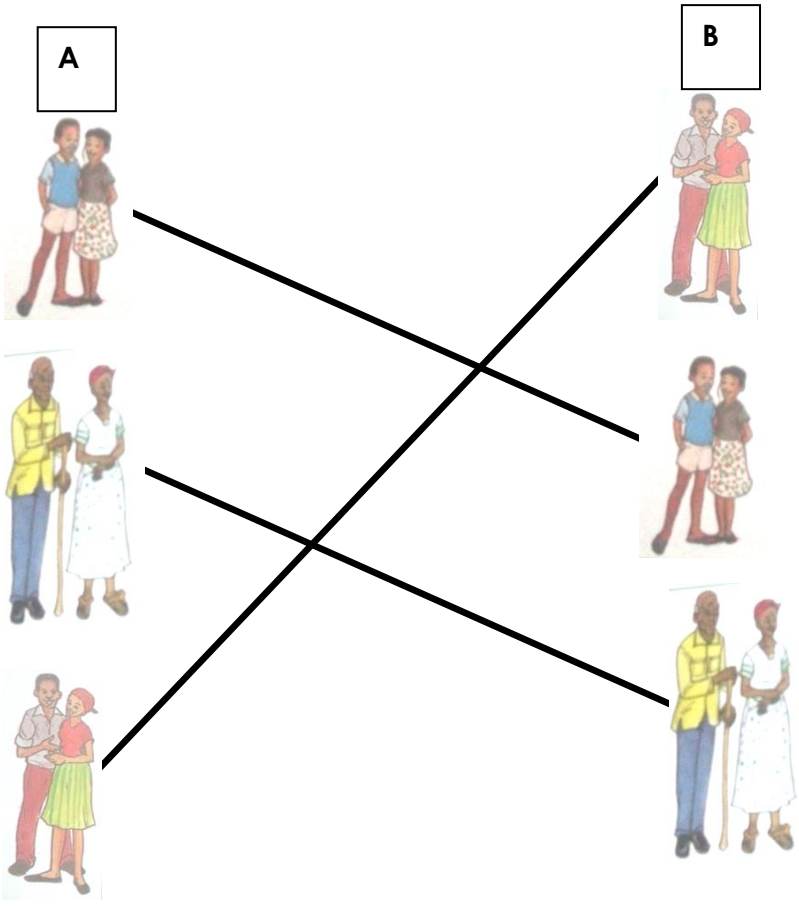


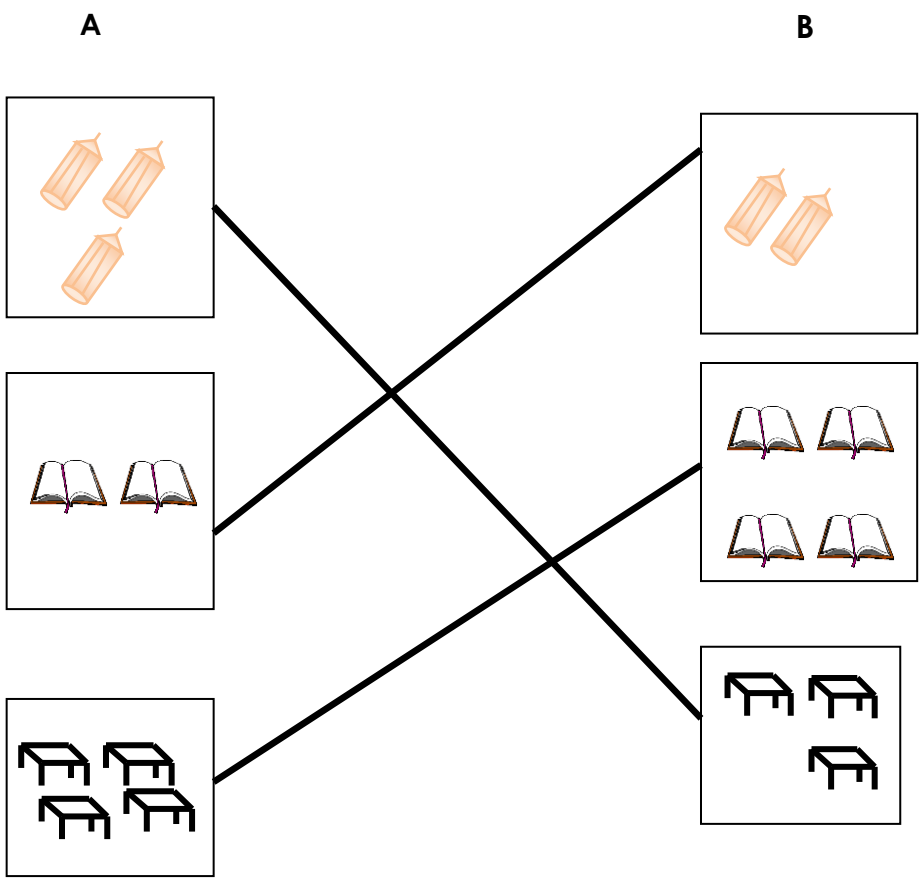
ACTIVITY	WHAT TO DO
Activity 8	Adding numbers up to 50 Let us add tens and ones Example 1 Example 2 2 4 + 1 5 = 3 9 3 1 + 1 6 = 4 7 Now add these 1 3 + 1 6 = 2 9 2 2 + 1 6 = 3 8

Activity 9	$\begin{array}{r} 2\ \ 6 \\ +\ 2\ \ 3 \\ \hline \\ \hline \end{array}$ $\begin{array}{r} 3\ \ 3 \\ +\ 1\ \ 2 \\ \hline \\ \hline \end{array}$ Fill in the missing number 40, 41, ☐ ☐ 44, 45 ☐ 47, 48, ☐ ☐
COVID MESSAGE	**Report syptoms of covid to your parents i.e dizness,dry throat,and running nose.**

THEME: LIVING TOGETHER

MARKING GUIDE

ACTIVITY	ANSWER
Activity 1	 **Let's match the same** 

Activity 5	
Activity 7	**Write number names** **12 - Twelve** **15 - Fifteen**
Activity 9	40 41 **42** **43** 44 45 **46** 47 48 **49** **50**

Competences for assessment

- ✓ Count 1 – 50.
- ✓ Write number names 1 – 20.
- ✓ Write number symbols 1 -20
- ✓ Add numbers whose sums are less than 50 vertically and horizontally without carrying.

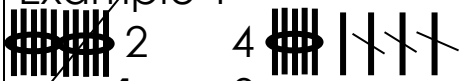
THEME FOOD AND NUTRITION

LESSON 10

Hello, you are welcome to this lesson.
Dear parent/ guardian/ sibling, please, help the learner to get space for doing this activity. Provide him/ her with the following materials required for this lesson.(Insert picture of an exercise book, a pencil, a rubber and counters.)
Dear learner, in this lesson we are going to;

- Use counters to subtract.
- Use simple drawings to subtract.
- Arrange digits according to their place values.
- Subtract two – digit numbers without borrowing.

HEALTH TIP:

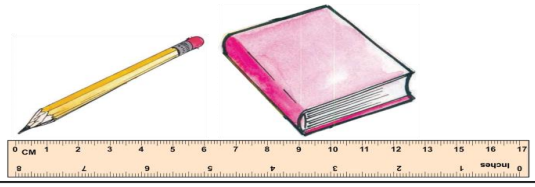
ACTIVITY	**WHAT TO DO**
Activity 1	Subtracting numbers up to 30 Let us take away Example 1  2 4 - 1 3 1 1 Example 2 2 5 - 1 4 1 1

	Now let us get our pencil,book and rubber. Try these. 2 2 - 1 0 2 7 - 1 7 2 5 - 1 2 2 9 - 1 5

THEME: FOOD AND NUTRITION

LESSON ELEVEN

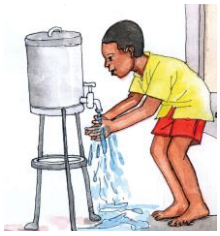
Hello everyone, You are welcome to this lesson.
Dear parent/guardian/Sibling, thank you for your continued support.
Please, help the learner get space and time for doing this activity. Provide him/her with the following materials required for this lesson.

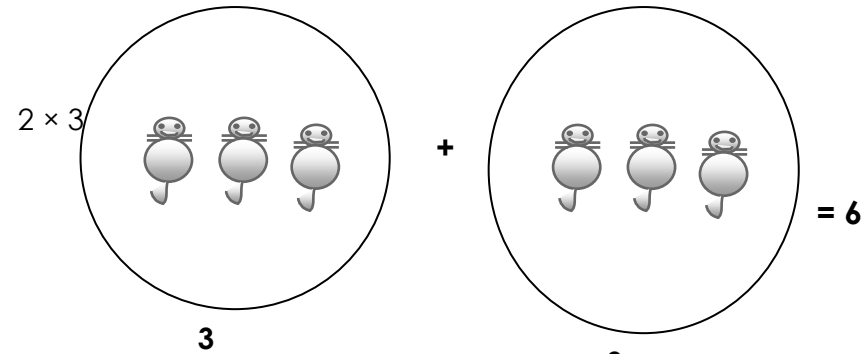
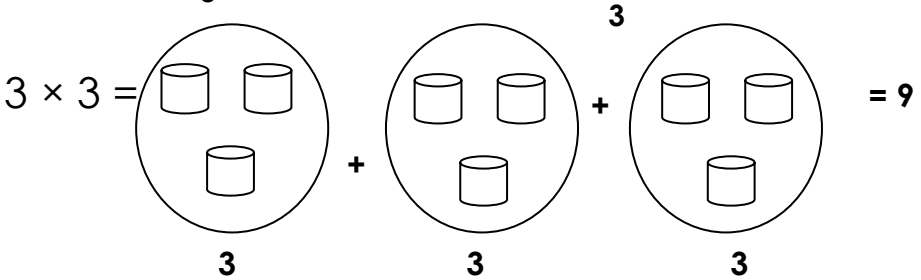


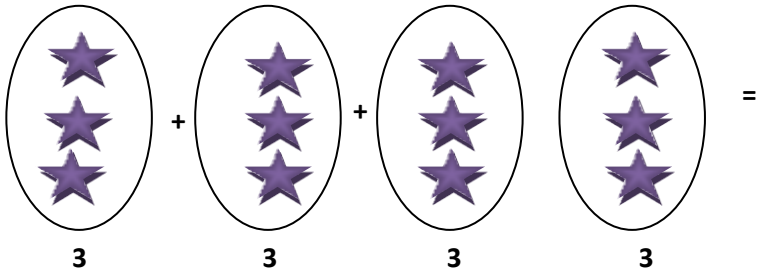
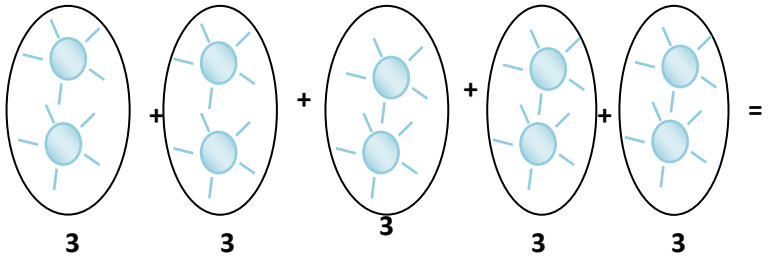
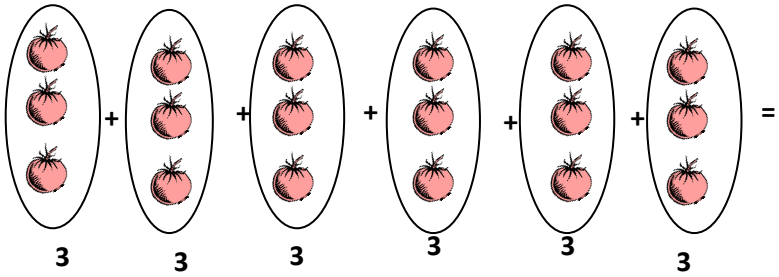
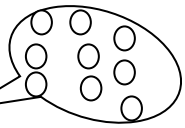
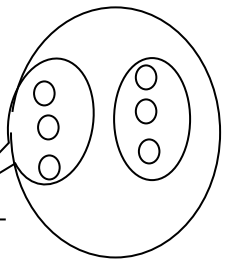
Dear learner, in this lesson we are going to;

- Arrange objects in groups of 3s.
- Make groups of 3s.
- Count number of objects in all groups.
- Multiply 1 digit number by 3

HEALTH TIP:



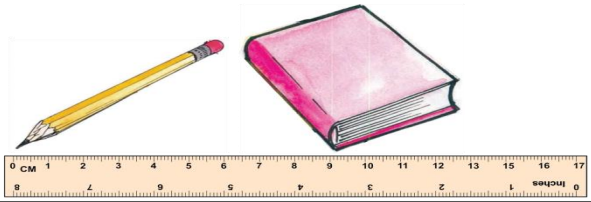
ACTIVITY	WHAT TO DO
Activity 1	Let us count in 3s 'threes'  

	Now let us get our pencil,book and rubber. Multiply these 4×3 =  5 × 3 =  6 × 3 = 
Activity	More multiplication 3 × 3 9  2 × 3 6  **Now let us get our pencil,book and rubber.** Try these 4 × 3 7 × 3
COVID MESSAGE	**Avoid close contact with people who are infected even inside your home.**

THEME: FOOD AND NUTRITION

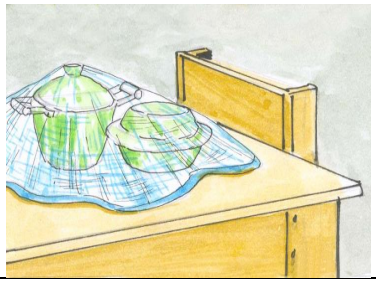
LESSON: TWELVE

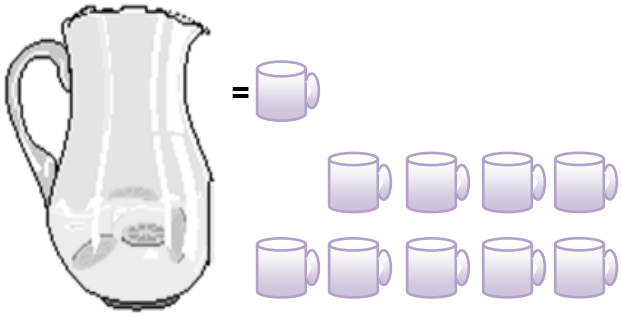
Hello, you are welcome to this lesson.
Dear parent/guardian/sibling help the learner to get space for doing this activity .provide him/her with the following materials required for this lesson.

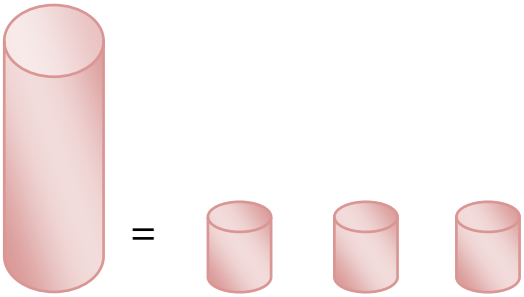
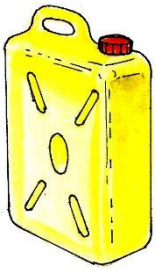


Dear learner in this lesson we are going to;
-Measure liquids using non-standard units.
You will need water & Containers of different sizes.

HEALTH TIP:

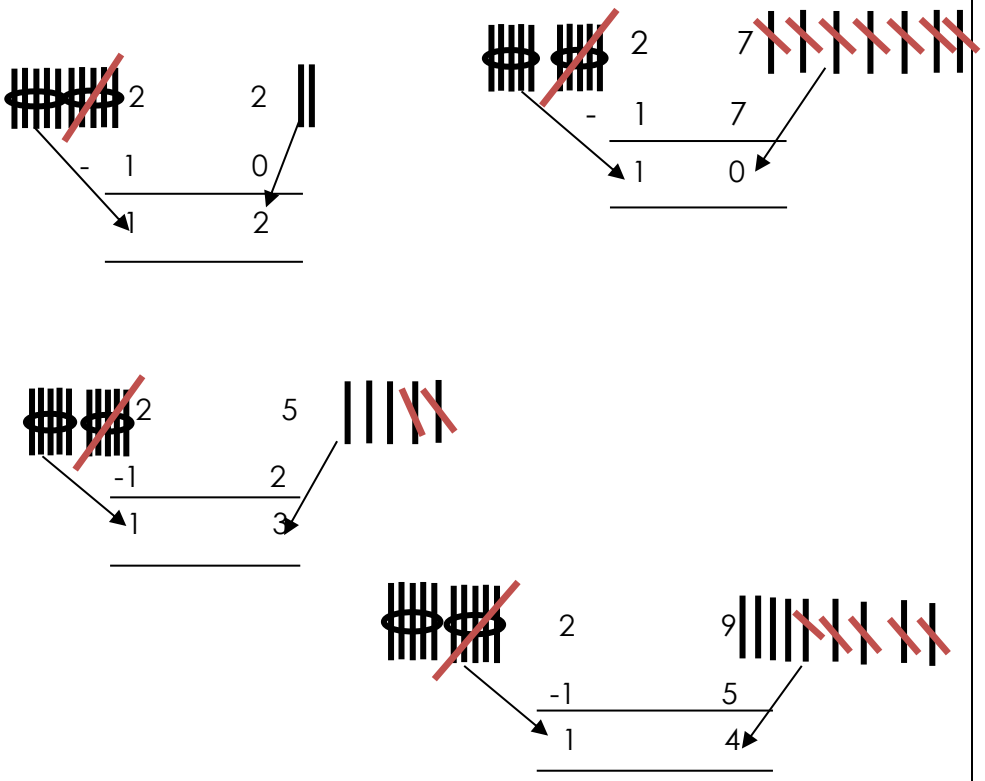
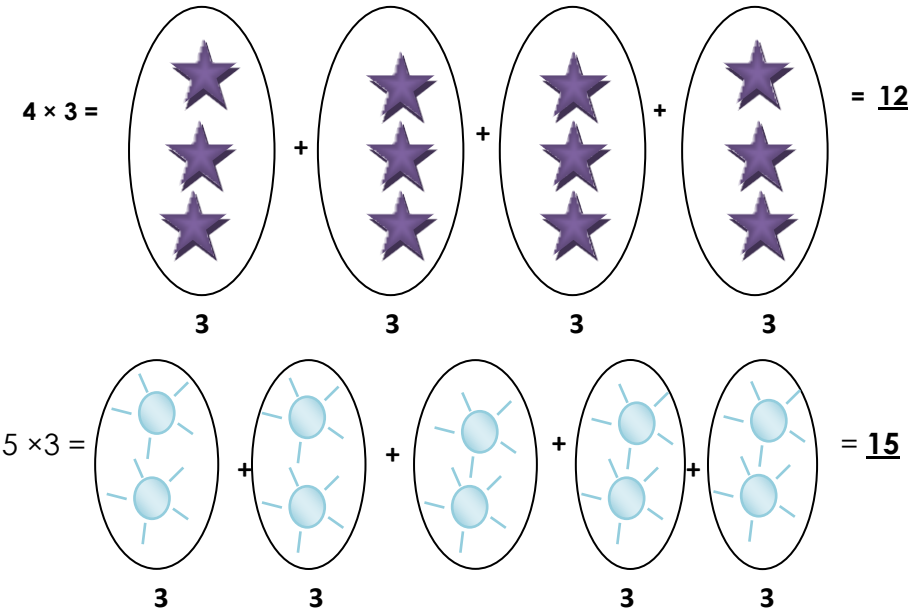


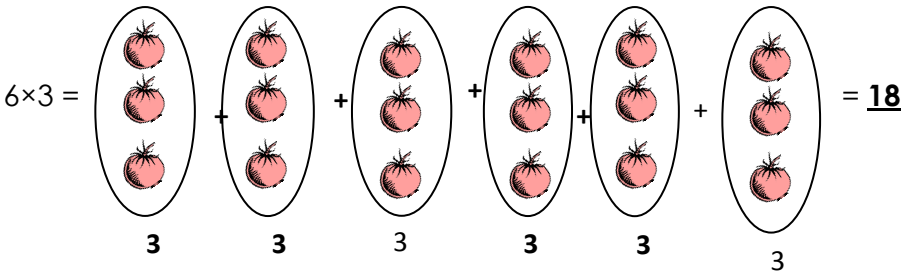
ACTIVITY	WHAT TO DO
Activity 1	**Let us measure.** **<u>Example 1</u>** How many cups of water fill one jar? 

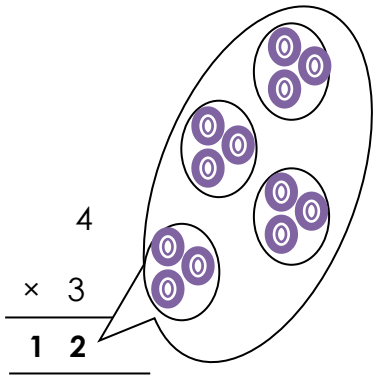
	
Activity 2	**Now let us get our pencil,book and rubber.** Measure these How many small containers can be filled?  = =
COVID MESSAGE	

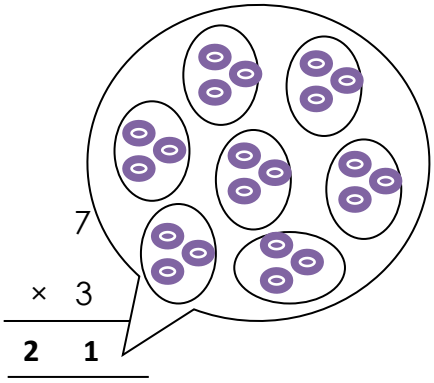
THEME: FOOD AND NUTRITION

MAKING GUIDE

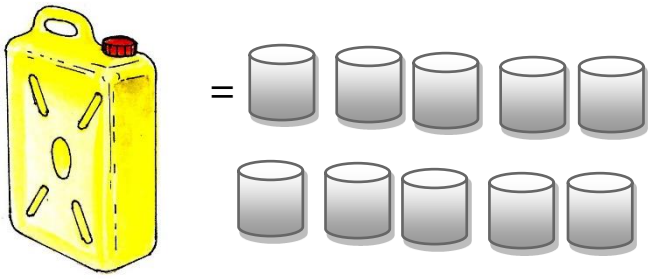
ACTIVITY	ANSWER
	
Activity 1	

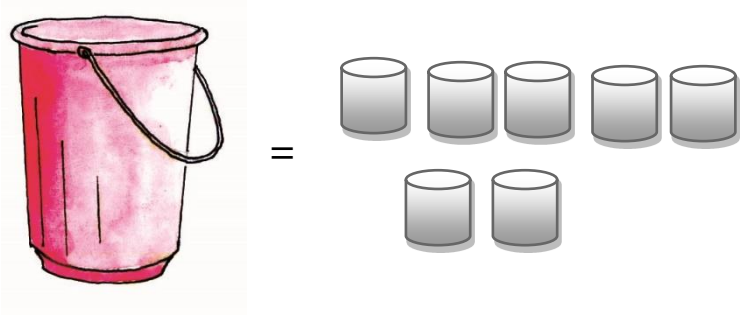






Activity 2





Competences for assessment

- ✓ Subtract up to 30, no borrowing.
- ✓ Multiply by 3 as repeated addition.
- ✓ Use containers and estimate capacity.

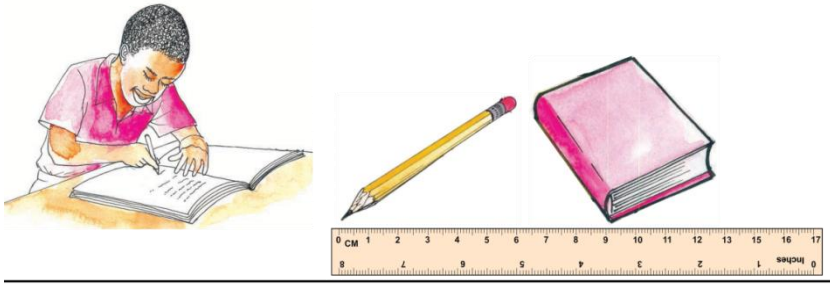
HOME-STUDY MATERIAL

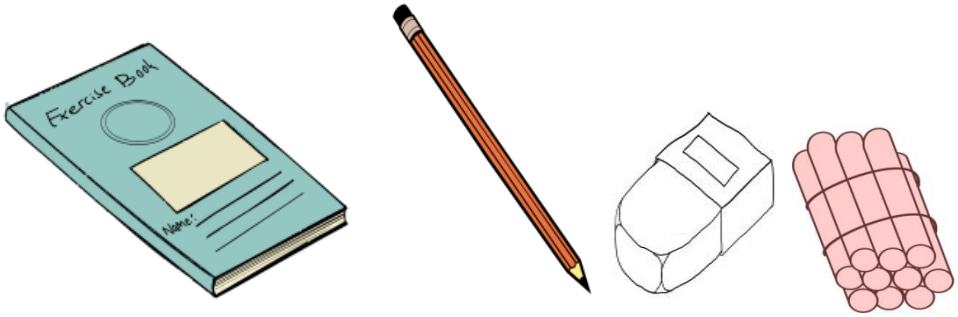
PRIMARY ONE

MATHEMATICS
TERM

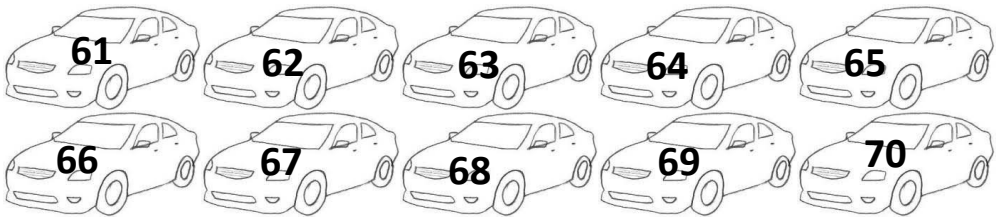
DEAR LEARNERS YOU ARE WELCOME TO THIS LESSON

Hello parents/guardians/siblings help the learners to get these materials ready for the lessons.

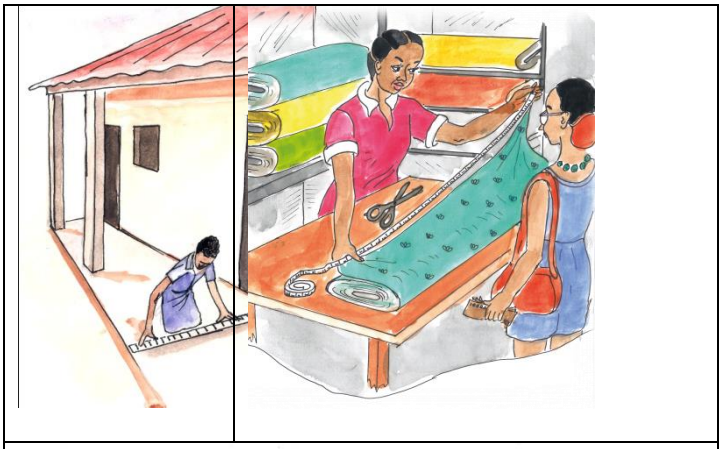
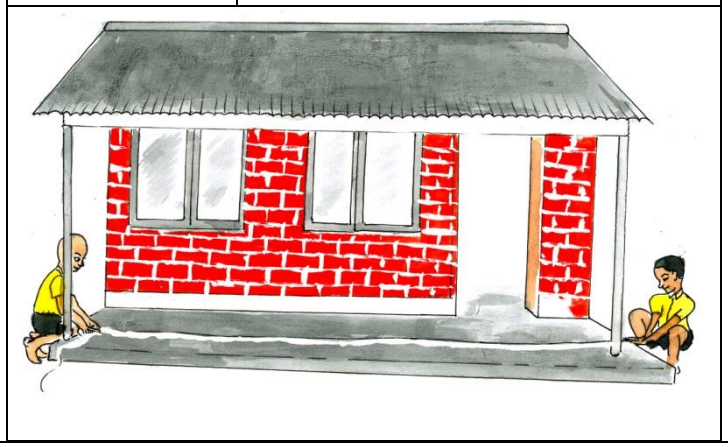
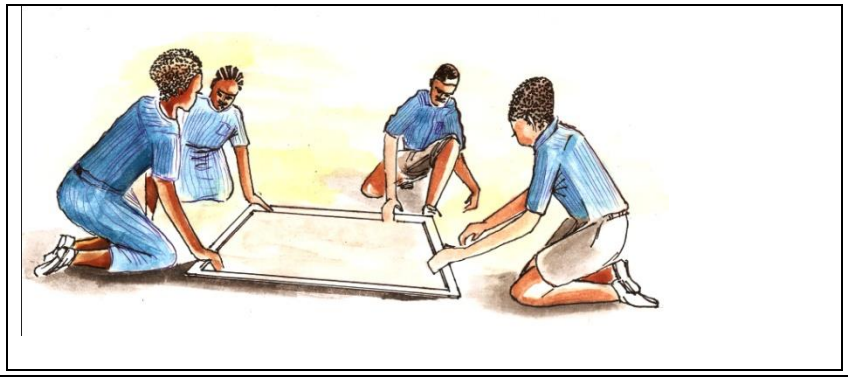


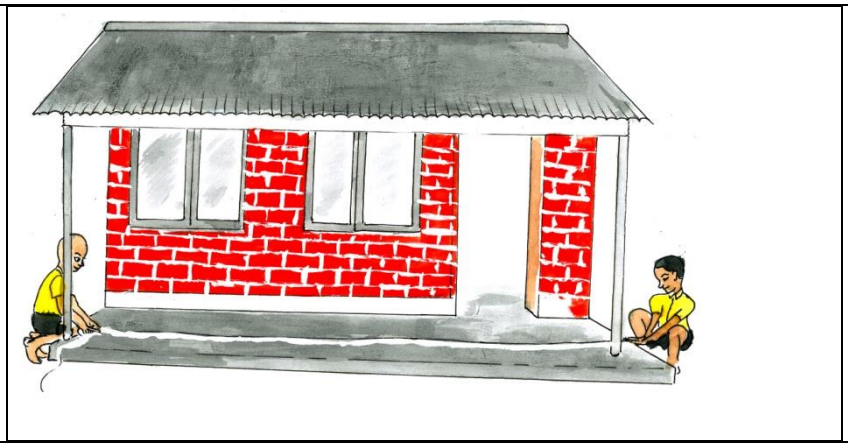


REMEMBER CORONA VIRUS KILLS DON'T PICK AND PLAY WITH USED MASKS.

LESSON ONE	WHAT TO DO.
Activity one	Count number symbols 61-70  ***61 -70*** ***61 62 63 64 65 66 67 68 69 70.***
Activity two	Arranges the picture card number symbols 61 70 in order, 61 63 65 64 62 67 65 70 69 68 62 65 67 66 70
Activity three	Fill in missing number symbols 61-70 61 ----63----65----67----69 ----70 62 ----64----66----68----70.
LESSON TWO Activity one.	**Read number name cards 61-70** **Sixty *one* = *sixty one.*** ***-two = sixty two.***

Activity Two Writing number names.	*-three = sixty three.* *-four = sixty four.* *-five = sixty five.* *-six. =sixty six.* *-seven. = sixty seven.* *-eight. = sixty eighty-nine.* *-nine =sixty nine.* **Seventy** Write number names from word cards. Sixty one. Sixty six. Sixty two. Sixty seven. Sixty three. Sixty eight. Sixty five. Seventy.
Activity Three	Match Number symbols to Number Names. 61 sixty five 63 sixty eight seventy 65

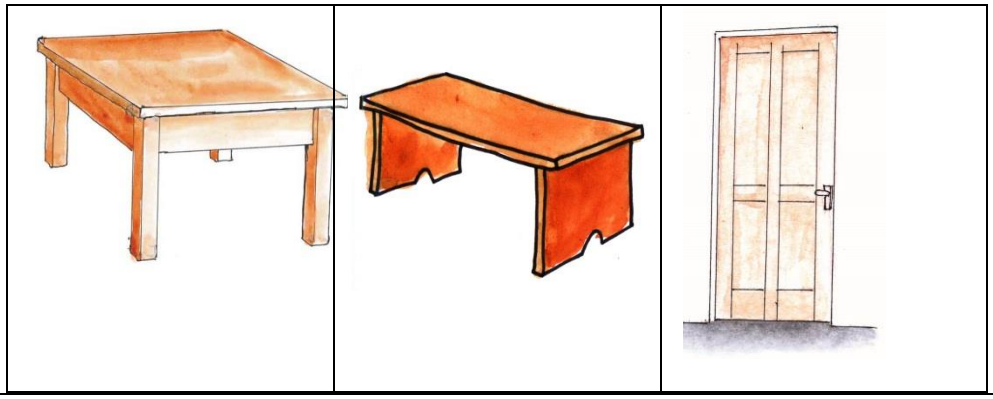
LESSON THREE.	Sixty one 70 sixty three 68
Activity one Use different body parts to measure length	Nitubaasa kukoresa ebicweka bitari bimwe na bimwe by'omubiri kubara n'okupima oburaingwa nari obugufu bw'ekintu.  
Activity Two. Use Non-standard units to measure length.	



Activity Three.

Compare sides of different objects to find sides which are longer and shorter.

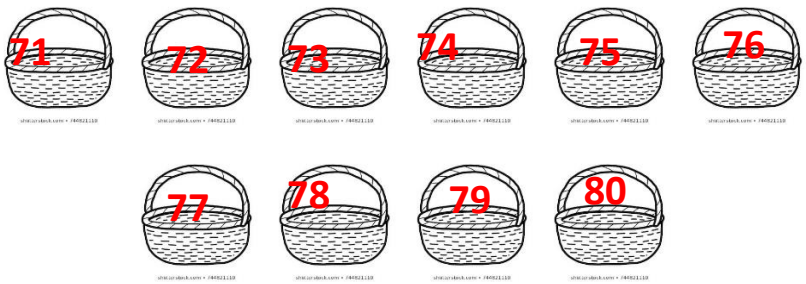
Insert these pictures



LESSON FOUR.

Count Number symbols 71 -80.

Insert 10 small pictures baskets having number symbols 71-80 written



Activity One

71 72 73 74 75 76

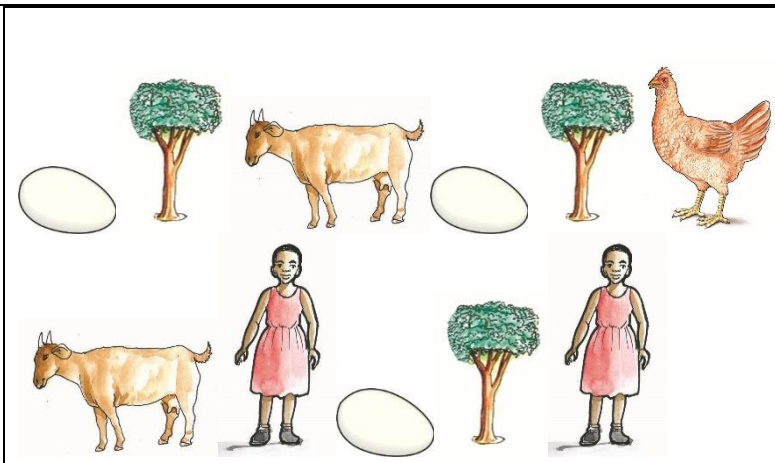
78 79

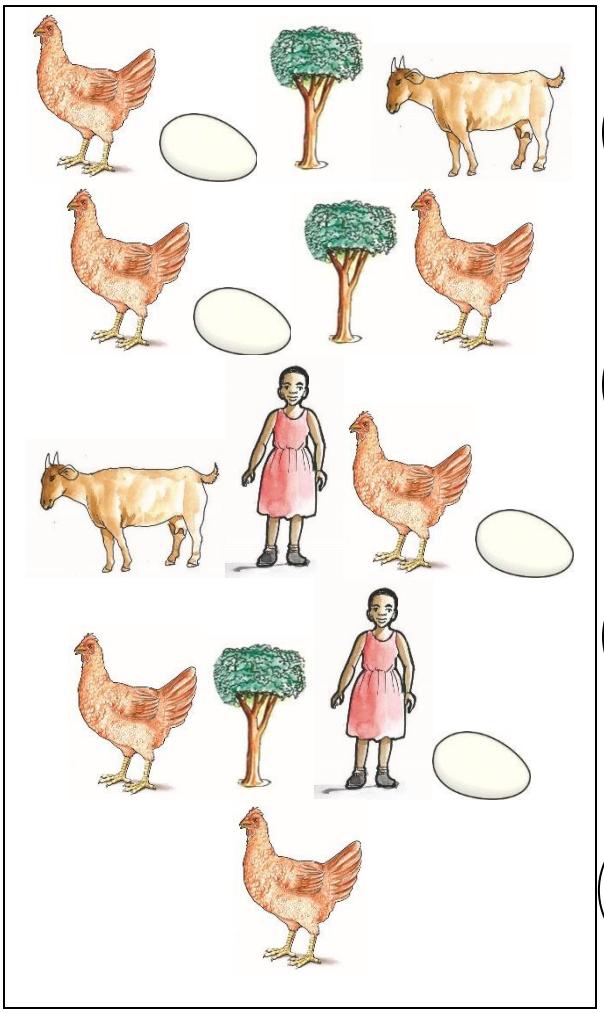
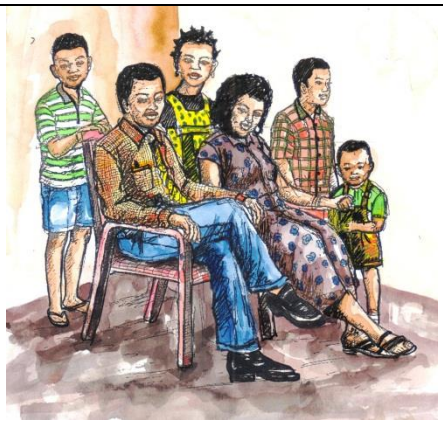
80 73

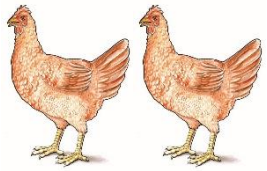
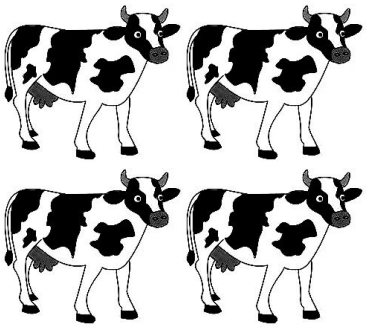
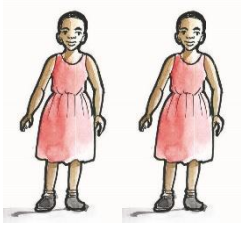
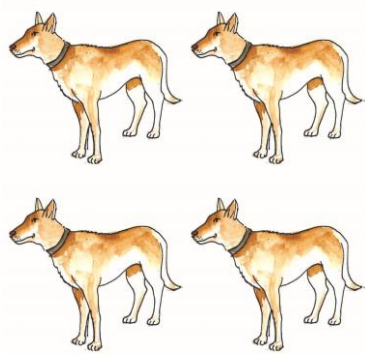
Activity Two	Arrange number symbol cards in order ***75 73 74 72 77*** ***78*** ***71 80 76 79***
Activity Three.	Fill in missing number symbols 71 - 80. ***71 ---- ----- 74 ----76 ----78-----80*** ***73 75-----77----79***
LESSON FIVE.	
Activity One. Number Names.	Reads word cards with Number names 71-80 **Seventy – one =** **S**eventy one **-two.** = **S**eventy two. **-three.** = **Seventy three.** **-four.** = **S**eventy four. **-five.** = **S**eventy five. **-six.** = **S**eventy six. **-seven.** = **S**eventy seven. **-eight.** = **S**eventy eight. **-nine.** = **S**eventy nine. **Eighty.**

Activity Two	Write some number names 71-80 from word cards. Seventy one. Seventy four. Seventy nine. Eighty. Seventy two.
Activity Three.	Match number symbols to number names. 73 seventy five. 78 seventy seven. 76 seventy three. 77 seventy eight. 75 seventy six.
LESSON SIX	
Activity one	***Insert pictures of bundles of 10s*** ***1bundle =10*** ***2bundles=20*** ***3bundles=30***

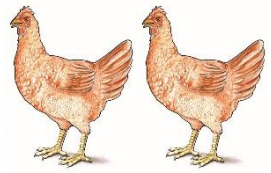
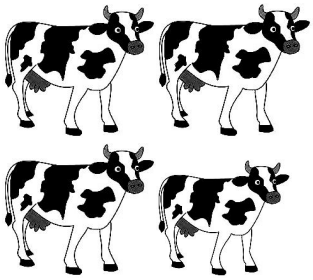
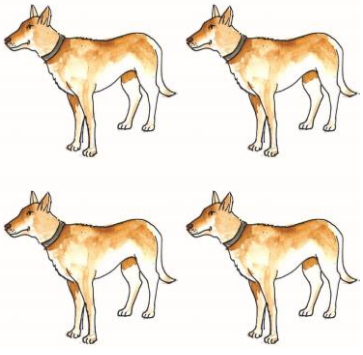
	4bundles=40 ***5bundles=50*** ***6bundles=60*** ***7 bundles =70*** ***8bundles=80*** ***9bundles =90*** ***10 bundles =100*** Counts in 10s using bundles of tens
Activity Two	Fill in missing number cards of 10s. 10, 20 -----,------,50 ,------,70,------,-----,100 80,----,100 20,30,----,50,60,-----,-----,9o, 70,-----50-----,30,----10
Activity Three.	Arrange number cards of 10s in order. 10, 60, 50, 30, 20, 40, 70, 100, 80, 60, 90. 20, 40, 80, 60.

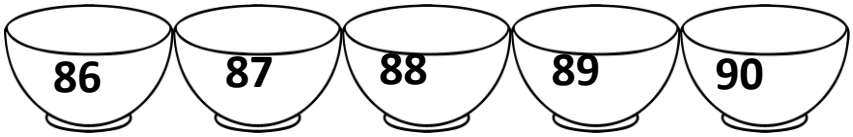
LESSON SEVEN	
Activity one	Draw small sets of same members from the big set.
	
Activity Two	Records number of each members from the subset. Girls = trees = hen = Eggs = Goats =

Activity Three	Form small sets from the bigger set. 
LESSON EIGHT	
Activity one	

	Name living things in our environment
Activity Two	Count number of living things identified in the home environment. ***Inserts pictures of*** Hens, cows, people ,dogs
Activity Three	Match names to pictures in your books.  people  hens  dogs  cows

LESSON NINE	
Activity one	Separate different living things by number

Activity two	Record data in your books. Hens | cows | People | dogs -------- | ------- | ------ | ------
Activity three	Representing data on a pictograph. Hens Cows people Dogs Dogs = Hens = Cows = People =
LESSON TEN	
Activity one.	Count number symbols 81-90  *81 82 83 84 85 86 87 88 89 90.* *86 87 88 89 90*

<table>
<tr><td>Activity Two</td><td>Arrange number symbol picture cards 81-90 in order.

81 83 82 86 85

88 89 87 90 86

89 85 83 82 90</td></tr>
<tr><td>Activity Three.</td><td>Fill in missing number symbols 81 -90

<table><tr><td>-----</td><td>82</td><td>---</td><td>----</td><td>85</td></tr><tr><td>85</td><td>87</td><td>----</td><td>89</td><td>-----</td></tr><tr><td>82</td><td>84</td><td>-----</td><td>88</td><td>90</td></tr><tr><td>90</td><td>-----</td><td>88</td><td>----</td><td>86</td></tr></table></td></tr>
<tr><td>LESSON ELEVEN.</td><td></td></tr>
<tr><td>Activity one.</td><td>Read number names 81-90 from cards.

<table><tr><td>81</td><td>Eighty one</td></tr><tr><td>82</td><td>Eighty two</td></tr><tr><td>83</td><td>Eighty three</td></tr><tr><td>84</td><td>Eighty four</td></tr><tr><td>85</td><td>Eighty five</td></tr></table></td></tr>
</table>

86	Eighty six
87	Eighty seven
88	Eighty eight
89	Eighty nine
90	Ninety.

Activity Two

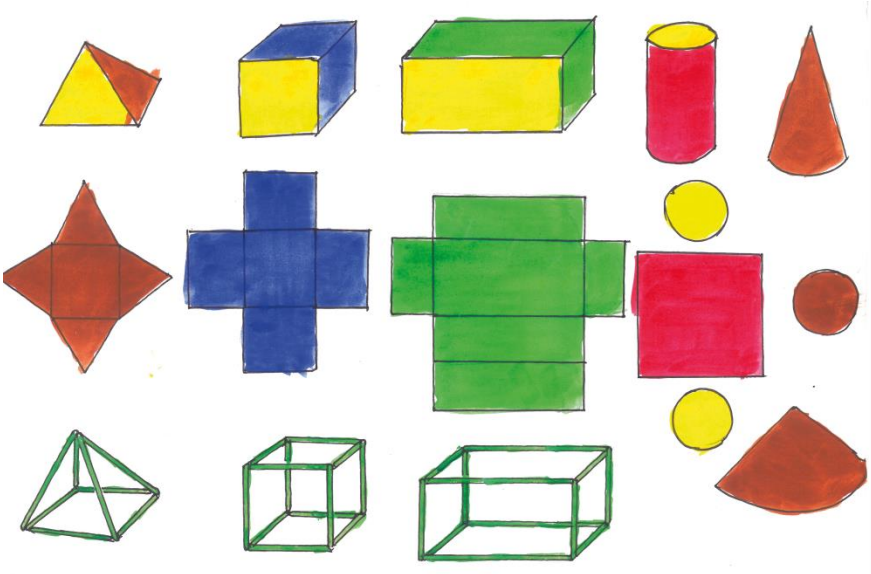
Write some number names

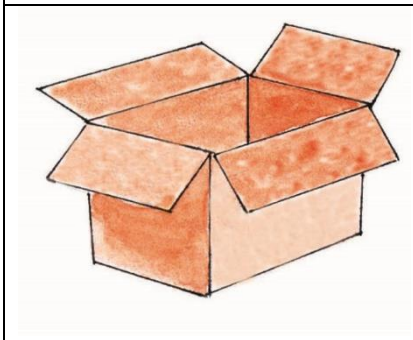
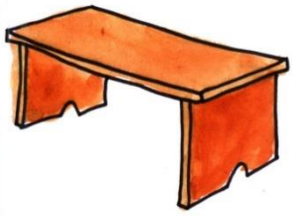
82	=	Eighty two	eighty five---------- 83 ----------
89	=	----------	90 ----------

Activity Three

Match number symbols to number names 81-

Eighty one	86
Eighty seven	88
Eighty four	81
Eighty eight	87
Eighty six	84

<table>
<tr><td>LESSON TWELVE</td><td></td></tr>
<tr><td>Activity one</td><td>Sort and name different shapes e.g. rectangles, circles, triangles, squares.
 
Read and spell names of different shapes like square, rectangle, circle, triangle.</td></tr>
<tr><td>Activity two</td><td>Draw different shapes.<table><tr><td>square</td><td>triangle</td><td>circle</td><td>rectangle</td></tr></table></td></tr>
</table>

Activity Three.	Match different objects with similar shape to real shape.	
		rectangle
		triangle
		circle
		square

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