THE REPUBLIC OF UGANDA

Ministry of Education and Sports

SELF-STUDY LEARNING

PRIMARY 3

MATHEMATICS

NCDC
NATIONAL CURRICULUM DEVELOPMENT CENTRE

GLOBAL PARTNERSHIP for EDUCATION
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UGANDA NATIONAL EXAMINATIONS BOARD

NCDC
NATIONAL CURRICULUM
DEVELOPMENT CENTRE

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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

THEME 1: OUR SUBCOUNTY / DIVISION

Eeeee!! **COVID 19**, Dear friends, parents and others. Let us **wash** our **hands** with **clean water**, **soap** and **sanitizers**. **Keep clean**, **keep safe**. **COVID** will go.

Let me get a book, a pencil and a pen.

I am going to learn Mathematics. Dear parent guardian or siblings help me to learn better.

Lesson 1: Let me begin with sets.

Activity 1: Counting from 100-150.

101 | 102 | 103 | 104 .....

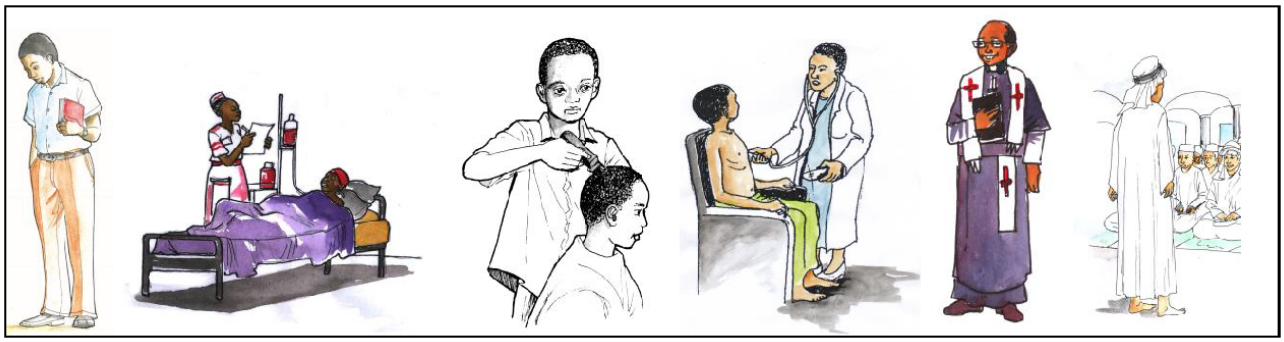
Activity 2: I can form sets.

Lesson 2: Come and workout sets.

Activity 1: Counting from 150-200.

151 | 152 | 153 | 154 .....

Activity 2: Let me draw people who give us services.



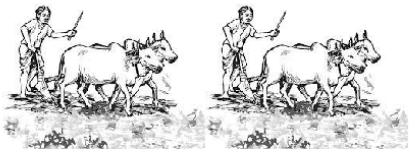
Lesson 3: Come and workout sets.

Activity 1: Counting from 200-250.

201 | 202 | 203 | 204 .....

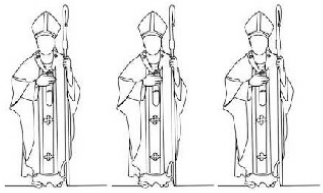
Activity 2: I can name these sets.

A set of doctors

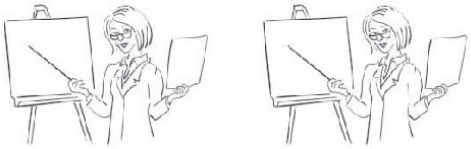


A set of _____

A set of _____



A set of _____



A set of _____

Lesson 4: Come and workout sets.

Activity 1: Counting numbers 250-300

251	252	253	254	.....

Activity 2: Come and match sets.

Activity 3: Say true or false

(a) Set of dogs going to school. _____

(b) Women who lay eggs. _____

(c) A set of houses with legs. _____

(d) People with 10 eyes. _____

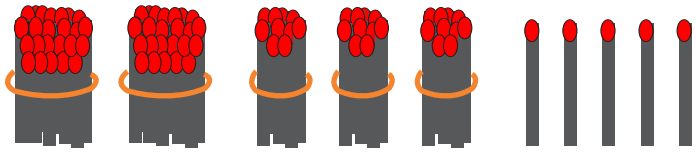
I have learnt sets. Now I can do place values.

Lesson 5: I can learn place vaules.

Activity 1: Counting numbers 300-350

301	302	303	304	.....

Activity 2: Let me make bundles, from sticks, stones, bottle tops



200 + 30 + 5 = **235**

a) 400 + 10 + 6 = _____

b) 300 + 70 + 3 = _____

c) 700 + 40 + 9 = _____

d) 500 + 30 + 7 = _____

Lesson 6: I can learn place vaules.

Activity 1: Counting numbers 350-400

351	352	353	354	.....

Activity 2: I enjoy expanding numbers.

168 = 100 + 60+8

750 = 700 + 50 + 0

243 = _____

614 = _____

963 = _____

500 = _____

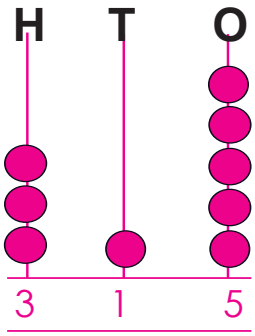
819 = _____

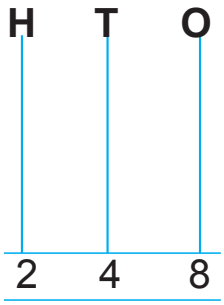
Lesson 7: I can learn place vaules.

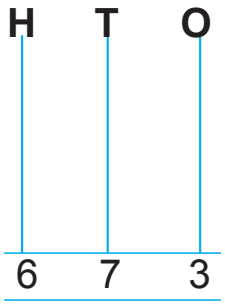
Activity 1: Counting numbers 350-400

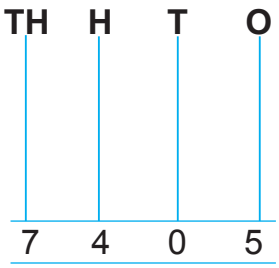
351	352	353	354	.....

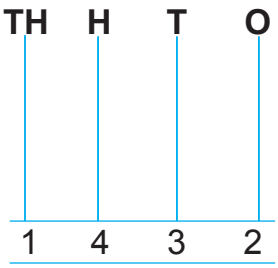
Activity 2: Let us use the abacus to write numbers.

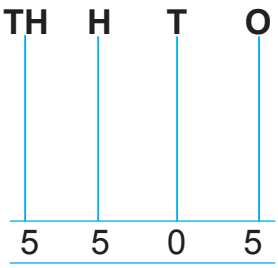


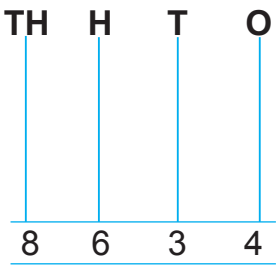


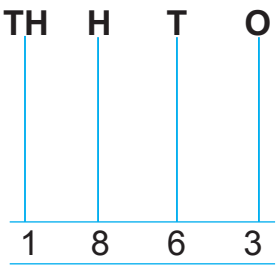


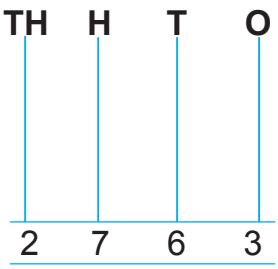










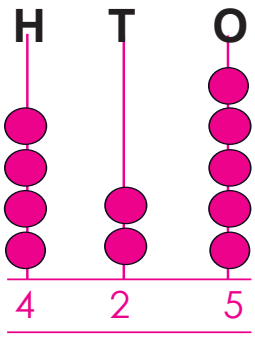


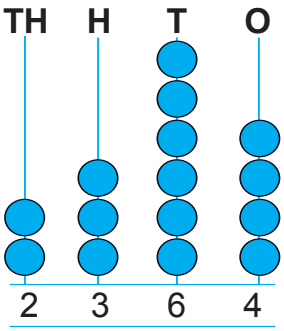
Lesson 8: I can learn place vaules.

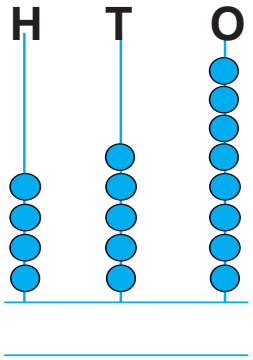
Activity 1: Counting numbers 400-450

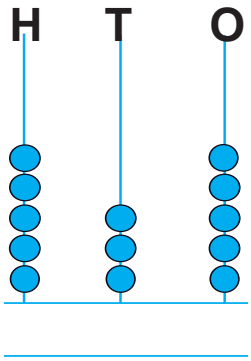
401	402	403	404	.....

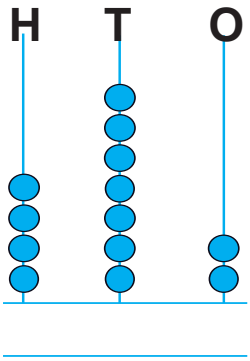
Activity 2: Find the number from the abacus.

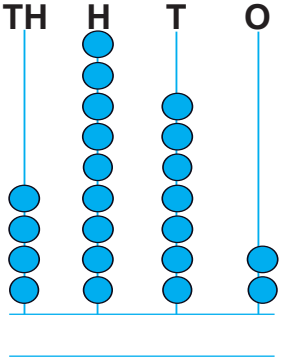


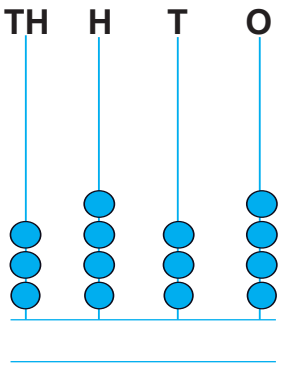












Lesson 9: I can learn place vaules.

Activity 1: Counting numbers 450-500

451	452	453	454	.....

Activity 2: I enjoy writing under place values.

72 = 7 tens + 2 ones

356 = 3hundreds + 5tens + 6ones

444 = ____hundreds + ____tens + ____ones

198 = ____hundreds + ____tens + ____ones

903 = ____hundreds + ____tens + ____ones

875 = ____hundreds + ____tens + ____ones

1945 = ____Thousands + ____hundreds + ____tens + ___ones

2020 = ____Thousands + ____hundreds + ____tens + ___ones

7386 = ____Thousands + ____hundreds + ____tens + ___ones

9104 = ____Thousands + ____hundreds + ____tens +____ones

THEME: LIVELIHOOD IN OUR SUB-COUNTY / DIVISION

Lesson 10: I can learn place vaules.

Activity 1: Counting numbers 500-550

501 | 502 | 503 | 504 .....

Activity 2: Let us write numbers from place values.

7hundreds + 1tens + 8ones = 718

3thousands + 6hundreds + 4tens + 9ones = 3649

5hundreds 6tens 2ones = _____

9hundreds 1tens 5ones = _____

2hundreds 8tens 7ones = _____

7hundreds 3tens 4ones = _____

6Thousands 2hundreds 3tens 7ones = _____

8Thousands 7hundreds 5tens 6ones = _____

3Thousands 8hundreds 1tens 9ones = _____

1Thousands 9hundreds 6tens 5ones = _____

Lesson 11: I can learn place vaules.

Activity 1: Counting numbers 550-600

551	552	553	554	.....

Activity 2: Let me try to write numbers in words.

726 = 700 – Seven hundred
20 – Twenty
6 – Six

726 = Seven hundred twenty six

3852 = 3000 – three thousand
800 – eight hundred
50 – Fifty
2 – Two

3852 = Three thousand, eight hundred fifty two

149 =

306 =

712 =

978 =

9651 =

5555 =

8463 =

6720 =

Lesson 12: I can learn place vaules.

Activity 1: Counting numbers 600-650

601	602	603	604	.....

Activity 2: I know how to write numbers from words.

Ninety nine

90 + 9 = 99

Four thousand, seven hundred forty eight

4000 +700 + 40 + 8 =

4000
700
40
+ 8
4748

(a) Five hundred eighty one

(b) One thousand, seven hundred forty two

(c) Four thousand, five hundred three

(d) Seven thousand, nine hundred twenty nine

(e) Eight hundred seventy six

(f) Two hundred fifteen

Lesson 13: I can learn place vaules.

Activity 1: Counting numbers 650-700

651 652 653 654 .....

Activity 2: What is the place value of the underlined number?

3<u>8</u>1 =	H	T	O	= The place value of 8 is ten.
3	8	1

<u>7</u>926 =	TH	H	T	O	= The place value of 7 is thousands.
7	9	2	6

(a) **<u>5</u>**74 =

(b) 8**<u>0</u>**5 =

(c) 36**<u>2</u>** =

(d) **<u>7</u>**19 =

(e) **<u>2</u>**369 =

(f) 84**<u>1</u>**2 =

(g) 197**<u>3</u>** =

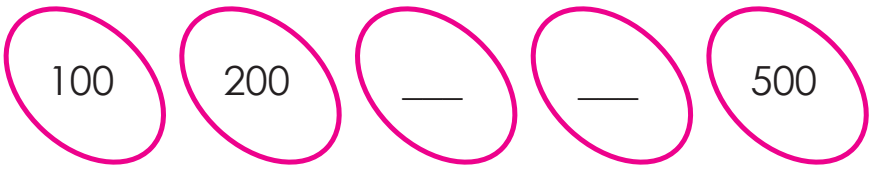
Lesson 13: I can learn place vaules.

Activity 1: Counting numbers 700-750

701 | 702 | 703 | 704 .....

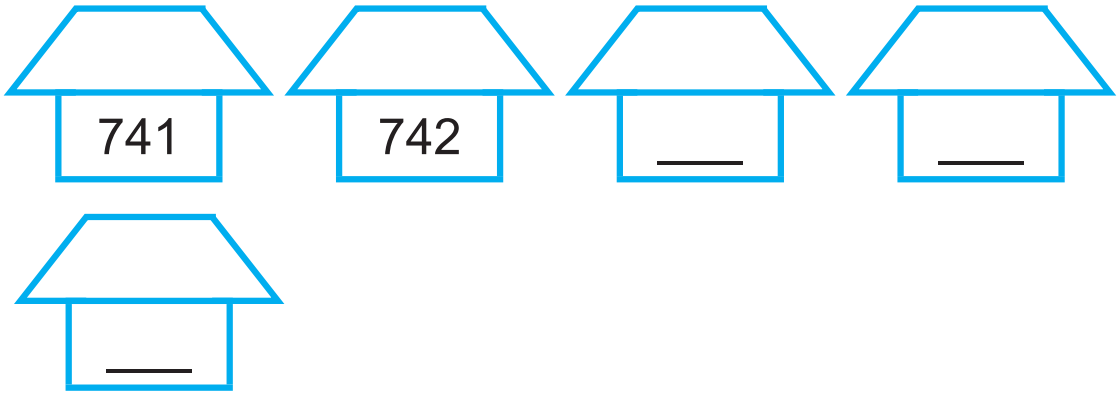
Activity 2: Let me fill in the missing numbers

(a)

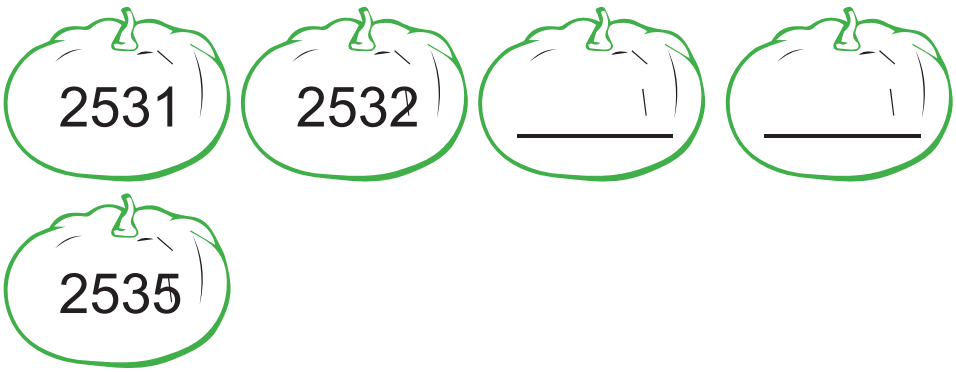


(b)

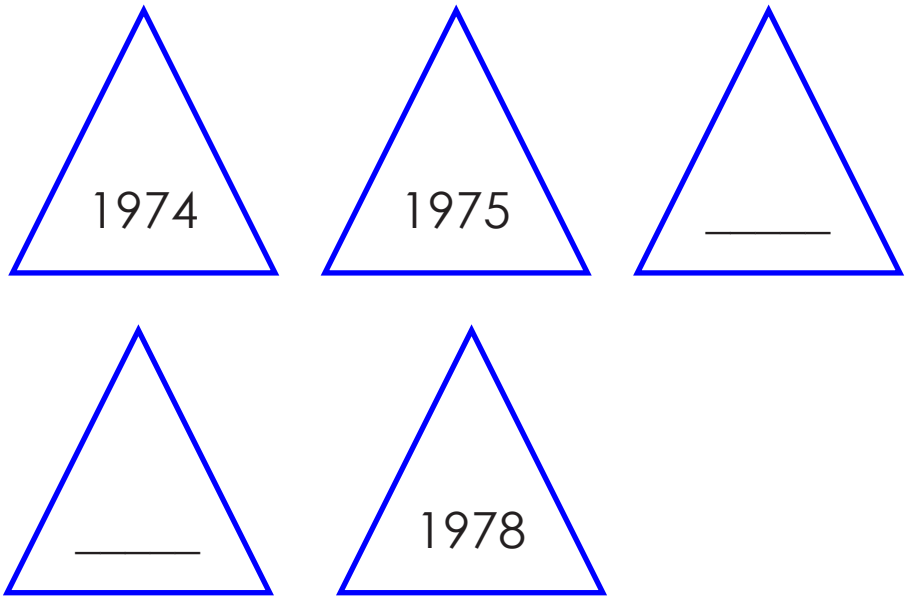
(c)



(d)



(e)



I have finished place values, let me enjoy addition.

Lesson 15: Come and enjoy addition.

Activity 1: Counting numbers 750-800

751 | 752 | 753 | 754 .....

Activity 2: Let us collect sticks, bottle tops, straws, seed...

Let me add numbers.

T	O
3	6
+ 1	3
4	9

H	T	O
7	8	6
+	1	1
7	9	7

T	O
5	4
+ 4	3

T	O
9	6
+ 2	1

T	O
7	4
+ 3	5

H	T	O
3	1	0
+	2	8

H	T	O
5	4	6
+	3	2

H	T	O
6	6	1
+ 3	2	7

H	T	O
7	3	4
+ 1	5	0

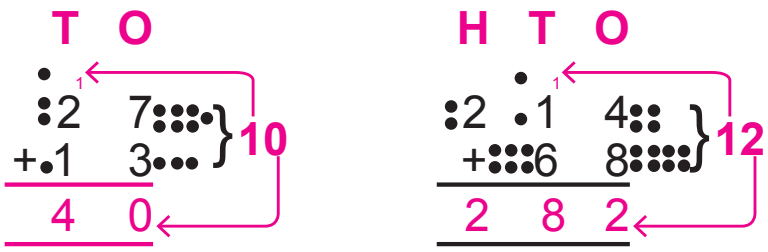
H	T	O
8	2	1
+ 1	3	7

Lesson 16: Come and enjoy addition.

Activity 1: Counting numbers 800-850

801	802	803	804	.....

Activity 2: Let me add with currying.



T	O
3	5
+ 1	5

T	O
6	6
+ 2	7

T	O
2	9
+ 1	3

T	O
2	9
+ 1	3

H	T	O
3	6	5
+	2	6

H	T	O
2	1	8
+	3	8

H	T	O
6	6	6
+	2	7

H	T	O
4	9	5
+	1	8

Lesson 17: Come and enjoy addition.

Activity 1: Counting numbers 850-900

851	852	853	854	.....

Activity 2: I enjoy adding more numbers.

TH	H	T	O
3	4	2	5
+	1	0	4
3	5	2	9

TH	H	T	O
6	0	1	7
+ 1	4	5	2
7	4	6	9

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

TH	H	T	O
6	2	1	7
+ 3	0	0	2

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

TH	H	T	O
3	6	0	7
+ 2	2	3	7

TH	H	T	O
4	1	3	5
+ 4	2	8	6

Lesson 18: Come and enjoy addition.

Activity 1: Counting numbers 900-950

901	902	903	904	.....

Activity 2: I can read and add numbers.

Add: 13 cars + 23 cars

= 36 cars

$$\begin{array}{r} 1\ 3 \text{ cars} \\ +\ 2\ 3 \text{ cars} \\ \hline 3\ 6 \text{ cars} \end{array}$$

Add: 64 chairs to 29 chairs

= 93 chairs

$$\begin{array}{r} 6\ 4 \text{ chairs} \\ +\ 2\ 9 \text{ chairs} \\ \hline 9\ 3 \text{ chairs} \end{array}$$

(a) Add 35 chapatis to 21 chapatis = _____

(b) 300 patients + 241 patients = _____

(c) Sh500 +sh500 = Sh. _____

(d) 275 bags + 316 bags = _____

(e) 873 locusts + 115 locusts = _____

(f) Add 724 pens plus 118 pens = _____

Lesson 19: Come and enjoy addition.

Activity 1: Counting numbers 950-1000

951	952	953	954	.....

Activity 2: Let me learn more reading and numbers.

I have 182 oranges and 115 oranges. How many oranges do I have?

$$\begin{array}{rr} & 1\ 8\ 2 \text{ oranges} \\ +\ & 1\ 1\ 5 \text{ oranges} \\ \hline & 2\ 9\ 7 \text{ oranges} \end{array}$$

a) Mukasa bought 53 brooms and 121 more brooms. How many brooms has he?

b) Madina counted 621 bodabodas and Akello counted 345 bodabodas. How many bodabodas did they count altogether?

c) 718 elephants plus 324 elephants. All will be _____ elephants.

d) Uganda got 108 ambulances. Kenya got 79 ambulances. How many ambulances were got altogether?

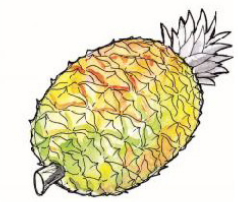
Lesson 20: Come and enjoy addition.

Activity 1: Counting numbers 1000-1050

1001	1002	1003	1004	.....

Activity 2: Let us go and buy from the market.

Joy went for shopping from Masindi Market



shs.500

shs.2000

shs.300

shs.7000

shs.3000

shs.7000

a) She bought a loaf of bread and sugarcane. How much did she pay?

	sh.
bread	2 0 0 0
+ sugar cane	+ 3 0 0
	2 3 0 0

b) If she bought a banana and water melon, how much did she pay?

c) She bought sugar, a pineapple and bread. How much did she pay?

d) If you buy each of them, how much will you pay?

e) Let me buy a banana and sugar. How much will I pay?

THEME: OUR ENVIRONMENT
SUB-COUNTY / DIVISION

CORONA VIRUS! CORONA VIRUS!

Be a leader in keeping, yourself, your school, family and community healthy. Share what you learn about preventing diseases with your family and friends, especially with younger children.

Lesson 21: I can enjoy subtraction.

Ha! ha! ha! If I can add, I can also subtract

Let me get sticks, stones, seeds, bottle tops for use.

Activity 1: Counting numbers 1050-1100

1051	1052	1053	1054	.....

Activity 2: I think I can subtract numbers.

T	O
7	4
- 2	1
5	3

H	T	O
2	6	7
-	1	5
2	5	2

T	O
9	3
- 2	0

T	O
8	4
- 2	3

T	O
6	6
- 1	4

H	T	O
7	4	8
-	5	2

H	T	O
5	5	5
- 3	3	3

H	T	O
6	8	5
- 1	1	3

H	T	O
4	5	9
- 2	0	7

Lesson 22: I can enjoy subtraction.

Activity 1: Counting numbers 1100-1150

1101	1102	1103	1104	.....

Activity 1: I like subtracting more numbers

TH	H	T	O
6	3	2	0
- 4	1	2	0
2	2	0	0

TH	H	T	O
3	2	6	5
- 2	1	2	3

TH	H	T	O
5	6	9	9
- 1	3	7	0

TH	H	T	O
4	7	9	3
- 4	7	9	3

TH	H	T	O
9	3	8	6
- 6	1	5	3

TH	H	T	O
7	3	1	8
- 1	2	1	7

Lesson 23: I can enjoy subtraction.

Activity 1: Counting numbers 1150-1200

1151	1152	1153	1154	.....

Activity 2: Let me learn subtraction with borrowing

H	T	O
4	$^{7}\not{8}$	$^{1}0$
-	6	4
4	1	6

TH	H	T	O
5	$^{7}\not{8}$	$^{0}\not{1}$	$^{1}3$
- 1	3	0	8
4	4	0	5

TH	H	T	O
8	3	3	0
- 4	2	1	9

TH	H	T	O
4	5	6	1
- 3	2	3	5

TH	H	T	O
4	2	3	1
- 1	0	2	7

TH	H	T	O
5	4	1	1
- 2	2	0	9

TH	H	T	O
7	4	8	4
- 4	2	1	6

Lesson 24: I can enjoy subtraction.

I can read and subtract numbers

Activity 1: Counting numbers 1200-1250

1201	1202	1203	1204	.....

Activity 1: Let us subtract word problems

I had shs.500 but I lost shs.200. How much did I remain with?

sh 5 0 0
sh - 2 0 0
sh 3 0 0

a) Nalugo got 675 fish. She sold 372 fish. How many fish were left?

b) Kisembo had 196 slippers. He gave 96 to Nandutu. How many slippers remained?

c) Mulago Hospital had 3569 tablets. They gave 1075 to patients. How many tablets remained?

d) At home we have 736 hens. If we sell 500 hens, how many will remain?

Do you know how to multiply?

Come, come you will learn.

Lesson 25: Do you know multiplication?

Let me get leaves, stones, cups, flowers, seeds a pencil, a pen and a book

Activity 1: Counting numbers 1250-1300

1251	1252	1253	1254	.....

Activity 2: Let me repeat these numbers and add them.

(a) 2 + 2 + 2 + 2 = 8 shoes

(b) 2 + 2+ 2 + 2 + 2 + 2 = _____ flowers

(c) 3 + 3 + 3 + 3 = _____ cups

(d) 4 + 4 + 4 + 4 + 5 = _____ fish

(e) 8 + 8 + 8 + 8 = _____ stones

Lesson 26: Do you know multiplication?

Activity 1: Counting numbers 1300-1350

1301	1302	1303	1304	.....

Activity 2: I enjoy multiplying numbers

(a)

5 x 3 = 15 sambusas

(b)

6 x 4 = ____ pencils

(c)

7 x 5 = ____ leaves

(d)

4 x 3 = ____ balls

(e)

3 x 5 = ____ birds

Let me make other groups of things and count them

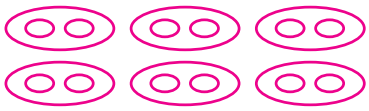
Lesson 27: Do you know multiplication?

Activity 1: Counting numbers 1350-1400

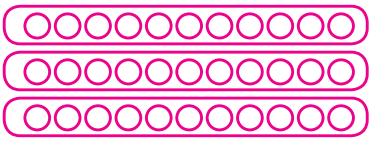
1351	1352	1353	1354	.....

Activity 2: Let me get counters and multiply these numbers.

2 x 6= 12



11 x 3 = 33



8 x 5 = _____

5 x 10 = _____

6 x 7 = _____

6 x 12 = _____

12 x 4 = _____

7 x 9 = _____

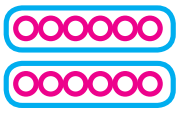
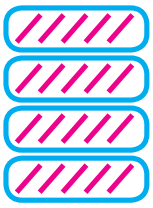
3 x 7 = _____

Lesson 28: Do you know multiplication?

Activity 1: Counting numbers 1400-1450

1401	1402	1403	1404	.....

Activity 2: Let me work out more numbers.

6 x 2 = 12 	5 x 4 = 20 

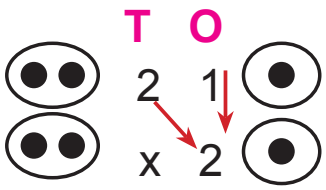
4 x 2 =	8 x 1 =	9 x 3 =	6 x 6 =
5 x 3 =	7 x 5 =	6 x 8 =	9 x 8 =

Lesson 29: Do you know multiplication?

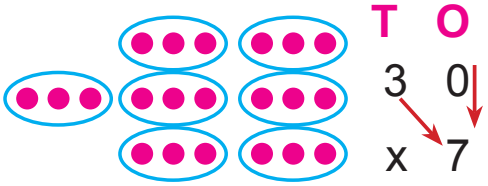
Activity 1: Counting numbers 1450-1500

1451	1452	1453	1454	.....

Activity 2: I can multiply these numbers



T	O
2	1
x	2
4	2



T	O
3	0
x	7
2	1 0

T	O
1	3
x	3

T	O
6	1
x	5

T	O
9	1
x	6

T	O
8	0
x	4

T	O
2	2
x	2

THEME: HUMAN BODY AND HEALTH

SUB-COUNTY / DIVISION

Hello Children,

Remember to model good practices such as sneezing or coughing into your elbow and washing your hands, especially for younger family members.

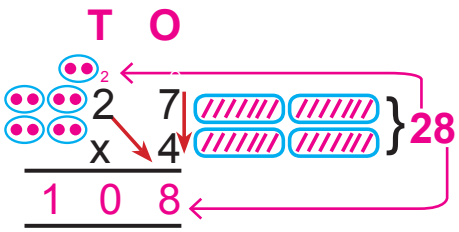
Lesson 30: Do you know multiplication?

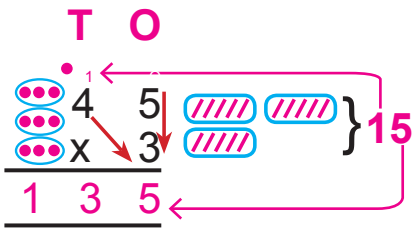
Activity 1: Counting numbers 1500-1550

1501	1502	1503	1504	.....

I have enjoyed multiplying numbers.

Activity 2: Let me try to multiply more numbers with currying.





T	O
2	5
x	2

T	O
4	8
x	5

T	O
1	9
x	8

T	O
9	2
x	6

T	O
7	4
x	9

T	O
6	6
x	3

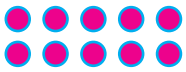
Lesson 31: Do you know multiplication?

Activity 1: Counting numbers 1550-1600

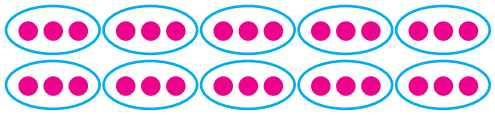
1551	1552	1553	1554	.....

Activity 2: Eh ! eh! Even I can multiply by 10!

1 x 10 = 10



3 x 10 = 30



4 x 10 = _____

6 x 10 = _____

9 x 10 = _____

5 x 10 = _____

8 x 10 = _____

12 x 10 = _____

Lesson 32: Do you know multiplication?

Activity 1: Counting numbers 1600-1650

1601	1602	1603	1604	.....

Activity 2: Oh! I am enjoying multiplication of numbers

T	O
3	4
x 1	0
0	0
+ 3	4
3	4	0

T	O
8	1
x 1	0
0	0
+ 8	1
8	1	0

T	O
2	5
x 1	0

T	O
1	6
x 1	0

T	O
7	3
x 1	0

T	O
4	2
x 1	0

T	O
3	6
x 1	0

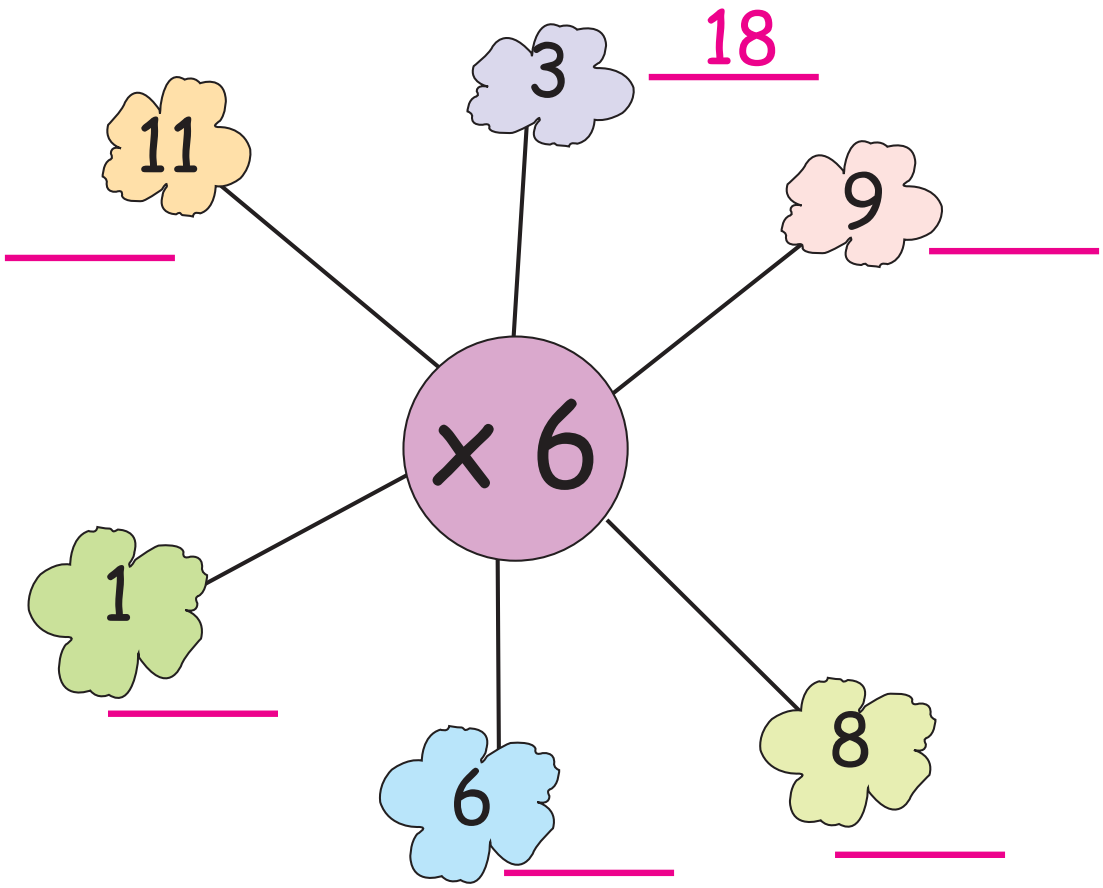
T	O
9	7
x 1	0

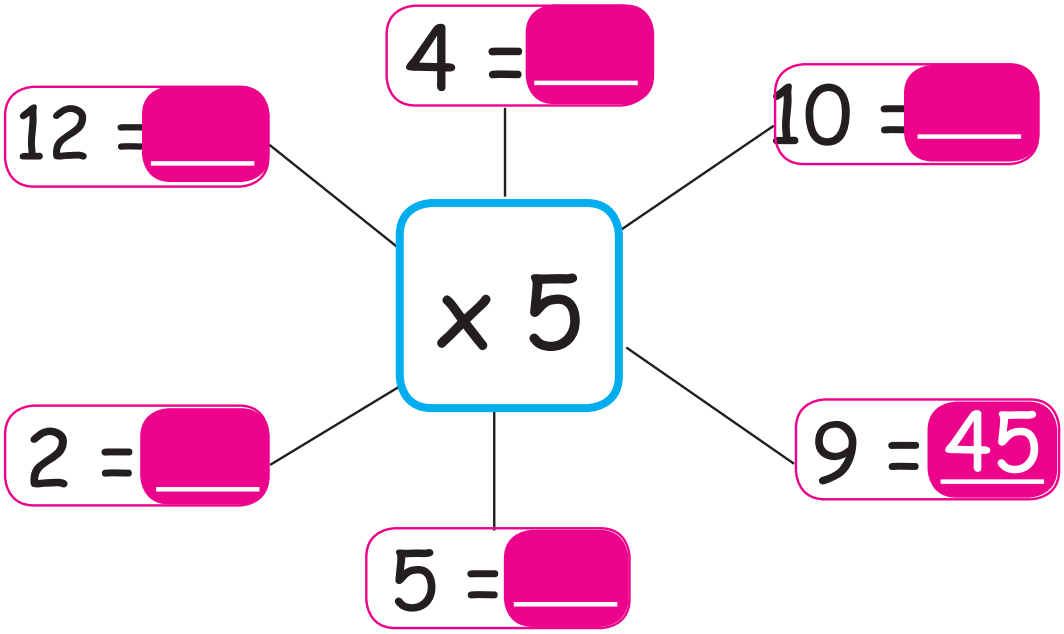
Lesson 32: Do you know multiplication?

Activity 1: Counting numbers 1650-1700

1651	1652	1653	1654	.....

Activity 2: I can get the answers





X	1	2	3	4
1				
2			6	
3				12
4	4			

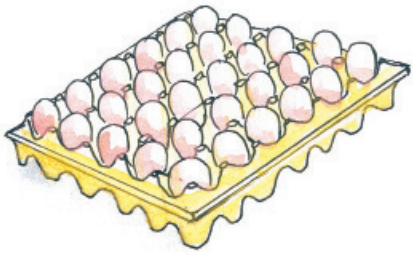
X	1	2	3	4	5	6
1						
2						
3						
4						

Lesson 33: Do you know multiplication?

Activity 1: Counting numbers 1700-1750

1701	1702	1703	1704	.....

Activity 2: I know how to read and multiply numbers

(a)  has 30 eggs. How many eggs are on 7 trays?

$$\begin{array}{r} 30 \\ \times\ 7 \\ \hline 210 \text{ eggs} \end{array}$$

(b) An elephant has 4 legs. 81 elephants have _____ legs.

(c) A taxi carries 14 passengers. How many passengers are carried by 3 taxis?

(d) Everyday in Entebbe Hospital, they get 10 patients of coronavirus. How many coronavirus patients are got a week?

(e) A fish seller sells 150 fish each month. How many fish does she sell in 6 months?

(f) Sheikh prays 5 times a day. How many prayers does he make in 25 days?

I am happy I have learnt how to multiply.

Let me begin dividing numbers

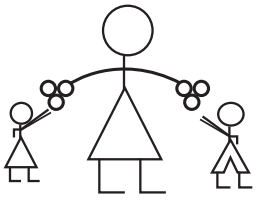
I know I will make it.

Lesson 34: I can divide numbers.

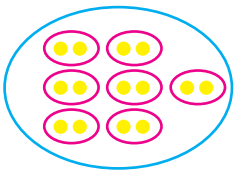
Activity 1: Counting numbers 1750-1800

1751	1752	1753	1754	.....

Activity 2: Sharing is good, let us learn how to divide



6 ÷ 2 = 3



14 ÷ 7 = 2

9 ÷ 3 = _____ 10 ÷ 10 = _____ 11 ÷ 11 = _____

20 ÷ 4 = _____ 12 ÷ 2 = _____ 15 ÷ 5 = _____

24 ÷ 8 = _____ 36 ÷ 6 = _____ 35 ÷ 5 = _____

Lesson 35: I can divide numbers.

Activity 1: Counting numbers 1800-1850

1801 | 1802 | 1803 | 1804 .....

Activity 2: Let me divide more numbers

```
        1 1                    1 6
    2 | 2 2                2 | 4 8
1 x 2  -2 ↓            1 x 3  -3 ↓
         2                      1 8
1 x 2   -2                6 x 3  -1 8
```

a) 2 | 2 4

b) 3 | 3 0

c) 3 | 9 9

d) 5 | 6 0

e) 2 | 6 8

f) 4 | 4 8

g) 5 | 8 5

h) 2 | 5 2

Lesson 36: I can divide numbers.

Activity 1: Counting numbers 1850-1900

1851	1852	1853	1854	.....

Activity 2: I can divide and find remainders

a) $2\overline{)9}$ b) $3\overline{)17}$ c) $3\overline{)22}$

d) $2\overline{)19}$ e) $3\overline{)34}$ f) $4\overline{)10}$

g) $4\overline{)25}$ h) $4\overline{)39}$

Lesson 37: I can divide numbers.

Activity 1: Counting numbers 1900-1950

1901 | 1902 | 1903 | 1904 .....

Activity 2: I am going to work out more numbers

```
        0 5 1
    2 | 1 0 2
0 x 2 -0
        1 0
5 x 2 -1 0
            2
1 x 2      -2
```

```
        0 2 9
    5 | 1 4 5
0 x 5 -0
        1 4
2 x 5 -1 0
          4 5
9 x 5    -4 5
```

a) 2 | 122

b) 5 | 100

c) 5 | 140

d) 3 | 132

e) 6 | 144

f) 4 | 116

Lesson 38: I can divide numbers.

Activity 1: Counting numbers 1950-2000

1951	1952	1953	1954	.....

Activity 2: I can read and divide numbers

Divide 22 by 2

```
      1 1
   2 | 2 2
1 x 2 -2
        2
1 x 2   -2
```

A can has 180 litres of milk. Share it to 9 people.

```
       0 2 0 litres
   9 | 1 8 0
9 x 0 -0
        1 8
9 x 2 -1 8
            0
9 x 0       -0
```

(a) Agnes gave out 93 phones to 3 shop keepers. How many phones did each shop keeper get?

(b) Our chairperson gave sh 880 to 4 mothers. How much money did each get?

(c) Share equally 21 bananas to 7 babies.

(d) Bishop sent 455 Bibles to 5 priests. How many Bibles did each priest get?

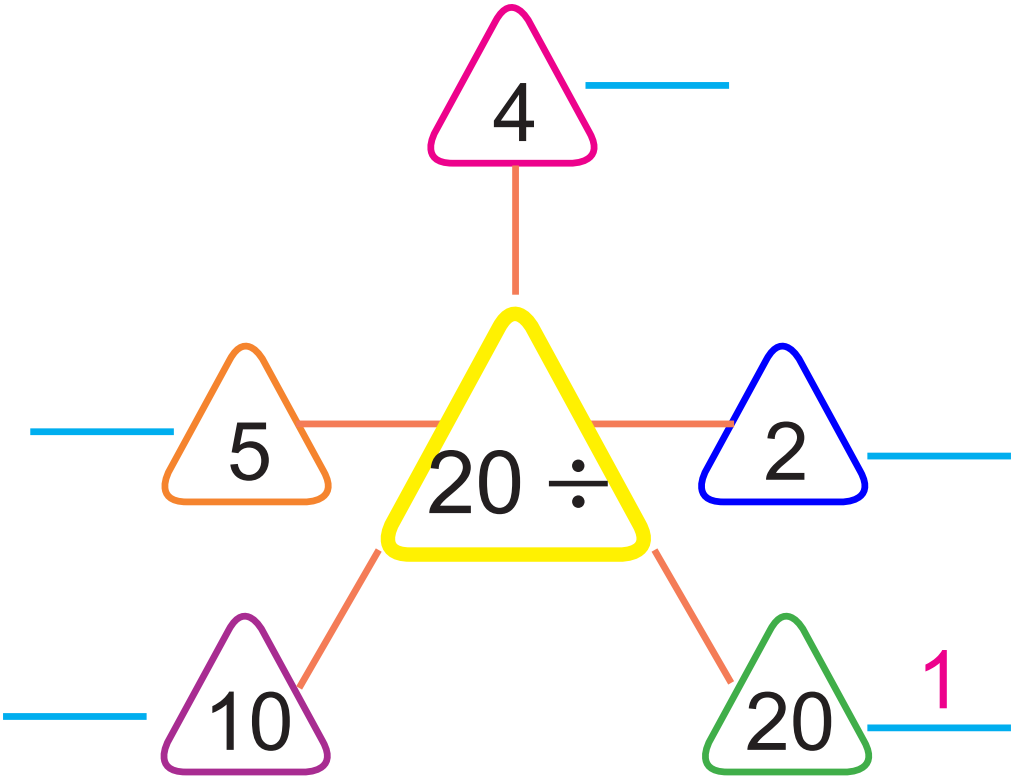
(e) Mwalim gave 150 bags of rice to 6 homes. How many bags of rice did each home get?

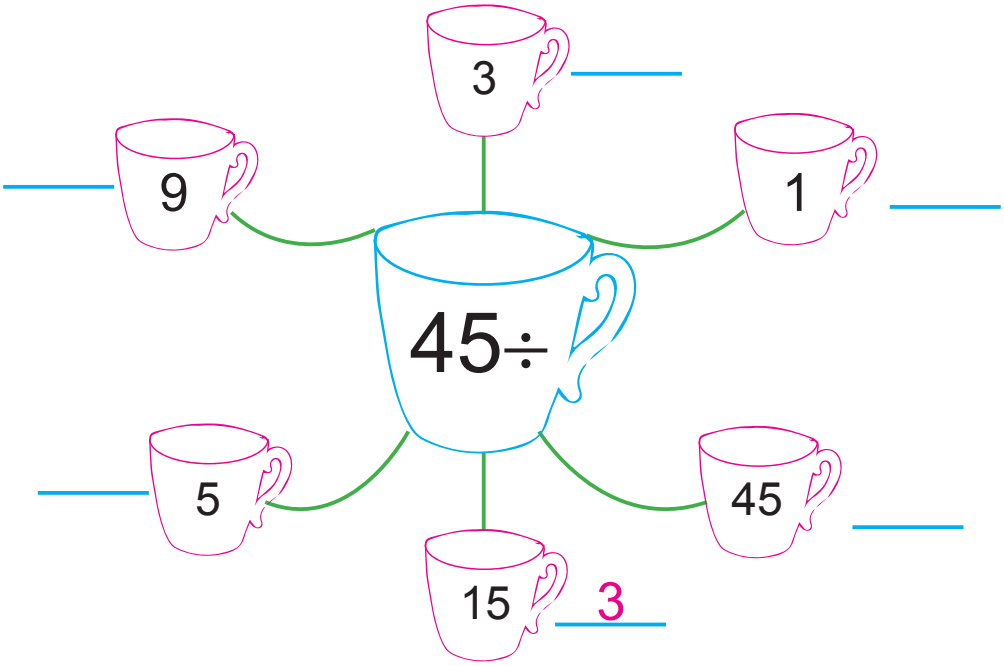
Lesson 39: I can divide numbers.

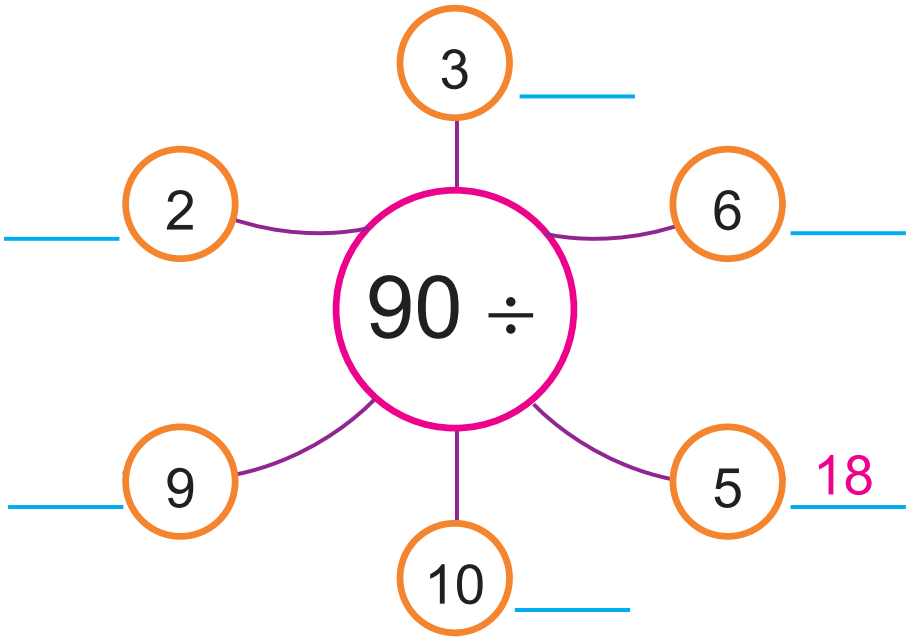
Activity 1: Counting numbers 2000-2050

2001	2002	2003	2004	.....

Activity 2: Come and enjoy games of division







Ha! ha! I have learnt how to divide.

I have enjoyed division.

Let me now share objects into fractions.

THEME: ENVIRONMENT AND WEATHER IN OUR SUB-COUNTY / DIVISION

Hello Children,

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

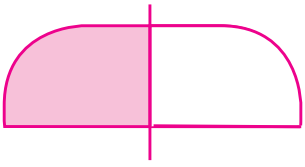
Lesson 40: Iam learning fractions.

Activity 1: Counting numbers 2050-2100

2051	2052	2053	2054	.....

I can cut things and share with friends.

Activity 2: Sharing is good we can share pieces.



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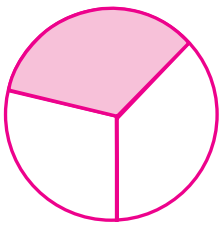

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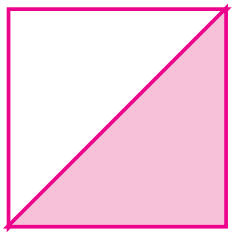


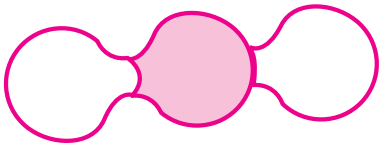
=_____

Lesson 41: Iam learning fractions.

Activity 1: Counting numbers 2100-2150

2101	2102	2103	2104	.....

Activity 2: Which fraction is shaded?



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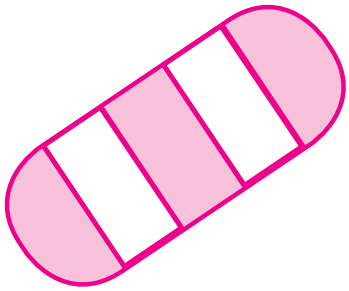

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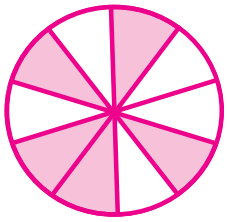

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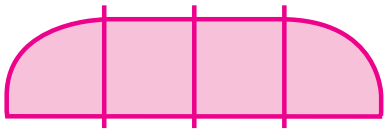

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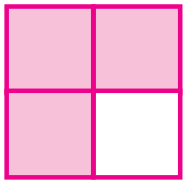


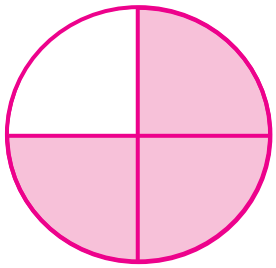
=_____

Lesson 42: Iam learning fractions.

Activity 1: Counting numbers 2150-2200

2151	2152	2153	2154	.....

Activity 2: Let me draw and shade fractions



$\frac{3}{4}$

$\frac{2}{6}$

$\frac{1}{4}$ = _____

$\frac{4}{9}$ = _____

$\frac{5}{10}$ = _____

$\frac{7}{8}$ = _____

$\frac{1}{2}$ = _____

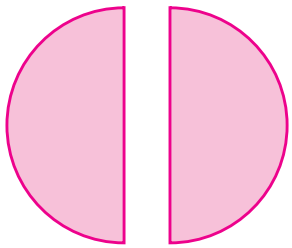
$\frac{6}{11}$ = _____

Lesson 43: Iam learning fractions.

Activity 1: Counting numbers 2200-2250

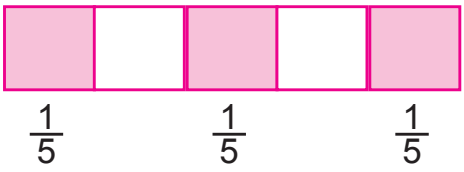
2201	2202	2203	2204	.....

Activity 2: Let me draw and add fractions



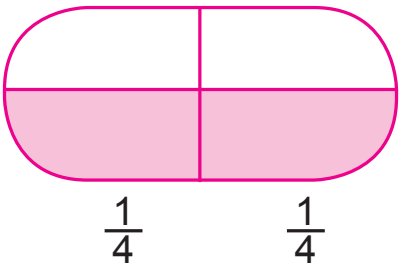
$\frac{1}{2}$ $\frac{1}{2}$

$\frac{1}{2} + \frac{1}{2} = \frac{1+1}{2} = \frac{2}{2}$



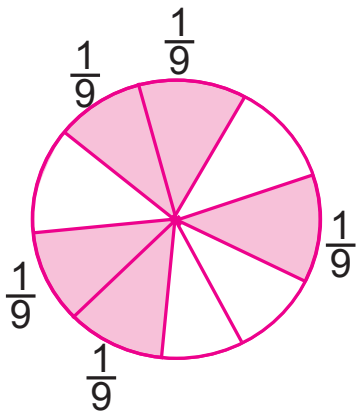
$\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$

$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{1+1+1}{5} = \frac{3}{5}$



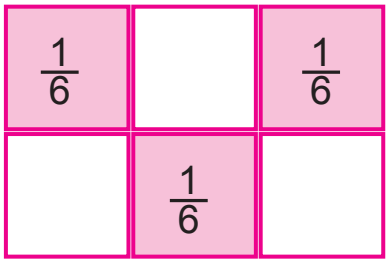
$\frac{1}{4}$ $\frac{1}{4}$

$\frac{1}{4} + \frac{1}{4} =$ _____



$\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$

$\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} =$ _____



$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} =$ _____

Lesson 44: Iam learning fractions.

Activity 1: Counting numbers 2250-2300

2251	2252	2253	2254	.....

Activity 2: I enjoy adding fractions

$\frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \frac{1+1+1}{7} = \frac{3}{7}$

$\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{1+1+1+1}{9} = \frac{4}{9}$

(a) $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$

(b) $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$

(c) $\frac{1}{11} + \frac{1}{11} + \frac{1}{11} =$

(d) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} =$

(e) $\frac{1}{15} + \frac{1}{15} =$

(f) $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$

Lesson 45: I am learning fractions.

Activity 1: Counting numbers 2300-2350

2301	2302	2303	2304	.....

Activity 2: Let me work out more numbers

$$\frac{1}{6} + \frac{2}{6} + \frac{3}{6} = \frac{1+2+3}{6} = \frac{6}{6}$$

$$\frac{1}{8} + \frac{4}{8} + \frac{1}{8} = \frac{1+4+1}{8} = \frac{6}{8}$$

(a) $\frac{2}{5} + \frac{2}{5} =$

(b) $\frac{2}{7} + \frac{1}{7} + \frac{3}{7} =$

(c) $\frac{2}{12} + \frac{1}{12} + \frac{4}{12} =$

(d) $\frac{1}{15} + \frac{2}{15} + \frac{6}{15} =$

(e) $\frac{1}{9} + \frac{4}{9} + \frac{2}{9} =$

Lesson 46: Iam learning fractions.

Activity 1: Counting numbers 2350-2400

2351	2352	2353	2354	.....

I can cut things and share with friends.

Activity 2: I know how to read and add fractions

(a) I had $\frac{1}{3}$ of an apple. Mummy gave me $\frac{2}{3}$ of an apple. How many pieces do I have?

$$\frac{1}{3} + \frac{2}{3} = \frac{1+2}{3} = \frac{3}{3}$$

(b) Add $\frac{3}{9}$ to $\frac{2}{9}$ of a jackfruit.

(c) John has $\frac{1}{5}$ of a bread. Atim has $\frac{3}{5}$ of a bread. What fraction did they have?

(c) Add $\frac{2}{10}$ of meat to $\frac{3}{10}$ then to $\frac{1}{10}$ of meat. How many pieces are they altogether?

(d) Shamim walked $\frac{3}{11}$ of the journey. She ran $\frac{4}{11}$ of the journey. What fraction did she cover?

(e) Ashaba sold $\frac{3}{10}$ of his milk. Then gave $\frac{4}{10}$ of the milk to a puppy. Find the total amount of milk removed.

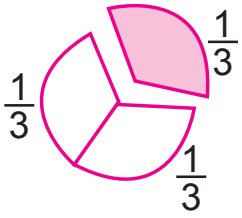
(e) $\frac{2}{6}$ plus $\frac{2}{6}$ and $\frac{1}{6}$ of a pineapple will be _____.

Lesson 47: Iam learning fractions.

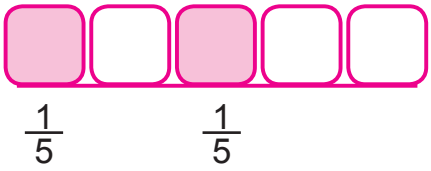
Activity 1: Counting numbers 2400-2450

2401	2402	2403	2404	.....

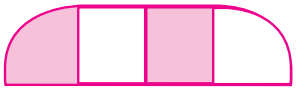
Activity 2: Let me subtract fractions



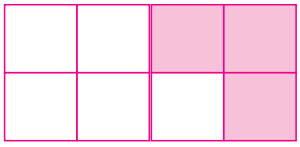
$\frac{3}{3} - \frac{1}{3} = \frac{3-1}{3} = \frac{2}{3}$



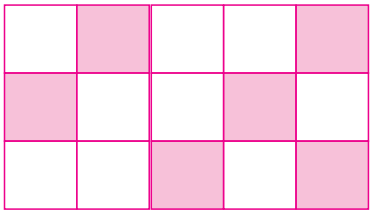
$\frac{5}{5} - \frac{1}{5} = \frac{5-2}{5} = \frac{3}{5}$



$\frac{4}{4} - \frac{2}{4} =$



$\frac{8}{8} - \frac{3}{8} =$



$\frac{15}{15} - \frac{6}{15} =$

Lesson 48: Iam learning fractions.

Activity 1: Counting numbers 2450-2500

2451	2452	2453	2454	.....

Activity 2: I can subtract more fractions

$\frac{2}{9} - \frac{1}{9} = \frac{2-1}{9} = \frac{1}{9}$

$\frac{8}{10} - \frac{7}{10} =$ _____

$\frac{5}{6} - \frac{3}{6} =$ _____

$\frac{8}{11} - \frac{6}{11} =$ _____

$\frac{13}{17} - \frac{9}{17} =$ _____

$\frac{11}{13} - \frac{3}{13} =$ _____

Lesson 49: Iam learning fractions.

Activity 1: Counting numbers 2500-2550

2501	2502	2503	2504	.....

Activity 2: I am reading and subtracting fractions

Daddy had $\frac{3}{11}$ of a water melon. He gave $\frac{2}{11}$ of the water melon to Aunt. What fraction remained?

$$\frac{3}{11} - \frac{2}{11} = \frac{3-2}{11} = \frac{1}{11}$$

$$\frac{3}{3} - \frac{1}{3} = \frac{3-1}{3} = \frac{2}{3}$$

(a) Loy ate $\frac{4}{5}$ of an orange. What fraction remained?

(b) A shop keeper sold $\frac{3}{6}$ of soap. What fraction remained?

(c) Akim painted $\frac{8}{12}$ of the wall. Which part remained?

(d) Rachel got $\frac{3}{5}$ of a mango. She gave $\frac{1}{5}$ to Peter. What fraction did she remain with?

THEME: LIVING THINGS PLANTS IN OUR SUB-COUNTY / DIVISION

Hello Children,

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 50: Learning graphs is easy.

I am happy I have learnt fractions.

I am sure I can learn the graphs

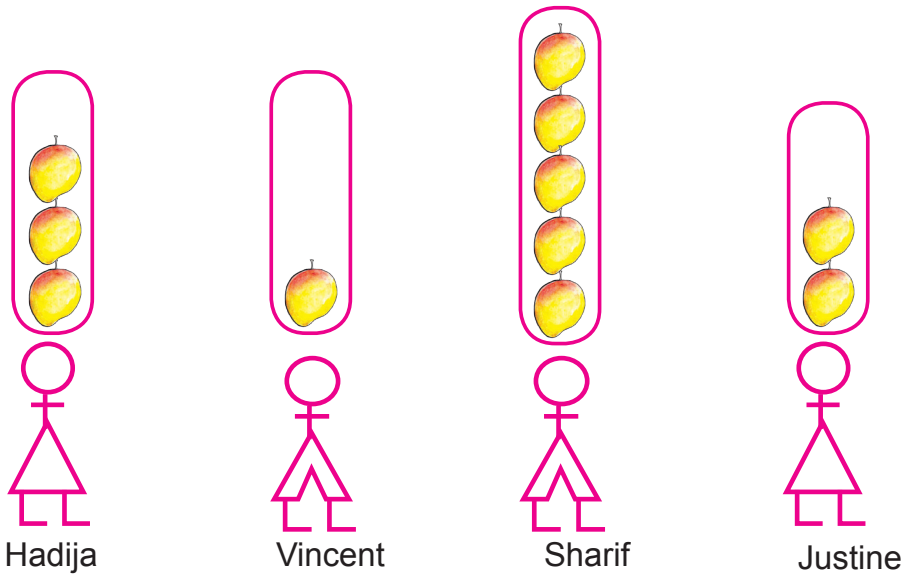
Let me get a book, a pencil and a pen.

I am going to collect sticks, stones, fruits, seeds, bottle tops, straw and others to use as graphs

Activity 1: Counting numbers 2550-2600

2551	2552	2553	2554	.....

Activity 2: Come and we learn about graphs.



(a) Sharif has more mangoes

(b) Who got very little mangoes?

(c) Justine got _____ mangoes.

(d) _____ has 3 mangoes.

(e) How many mangoes can you see?

This pictograph has nice cars given for Covid - 19 campaign.

Jinja	
Mbarara	
Apach	
Kampala	
Soroti	

(a) Which town got few cars?

Apach town got few cars

(b) Which town got more cars?

(c) _____ and _____ towns got the same cars.

(d) How many cars were given to Mbarara town?

(e) Count all the cars which were given out.

(f) How many more cars has Kampala than Apach?

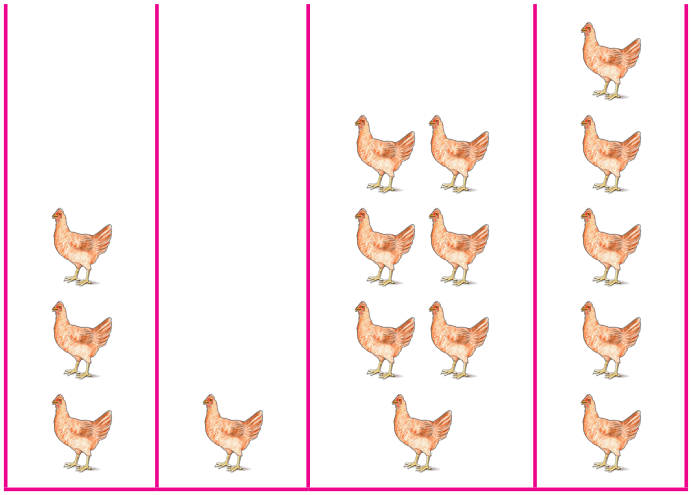
Lesson 51: Learning graphs is easy.

Activity 1: Counting numbers 2600-2650

2601	2602	2603	2604	.....

Activity 2: I feel I can draw good graphs.

1. Draw a graph and put in the given work
   (a) Paul has 3 chicks
   (b) Haruna has 7 chicks
   (c) Cissy has 1 chick
   (d) Rose has 5 chicks



2. I can draw this graph and fill in.
   Draw a pictograph to show how flour was sold in Arua town.

   (a) 1 bag of cassava flour
   (b) 3 bags of millet flour
   (c) 6 bags of maize flour
   (d) 2 bags of soya flour
   (e) 5 bags of rice flour

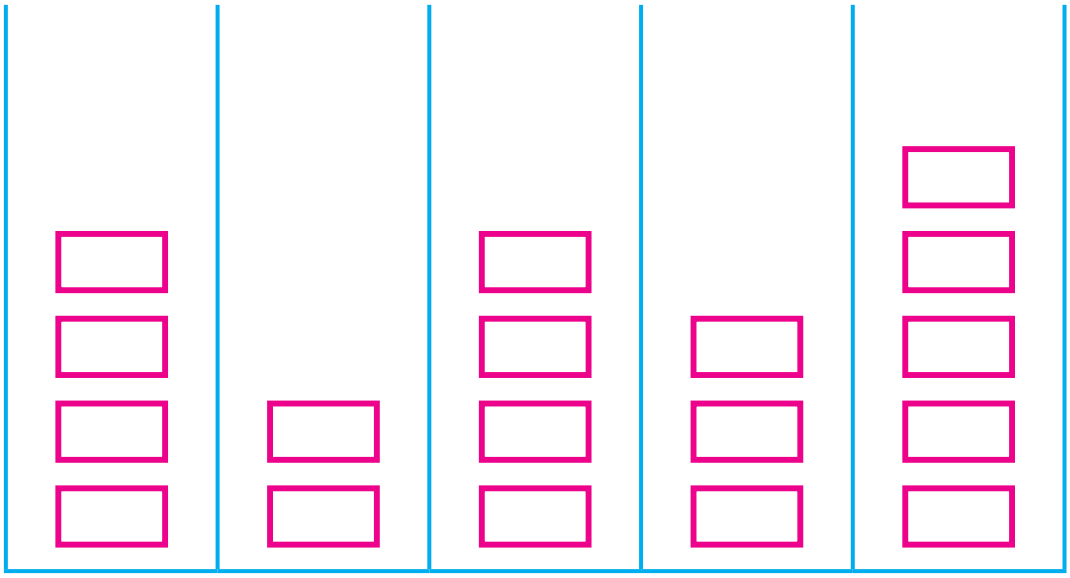
Lesson 52: Learning graphs is easy.

Activity 1: Counting numbers 2650-2700

2651	2652	2653	2654	.....

Activity 2: Let me have more work on graphs.

1. Brick makers laid bricks for sale at Busega valley.



(a) Who sold more bricks?

Swengere sold more bricks

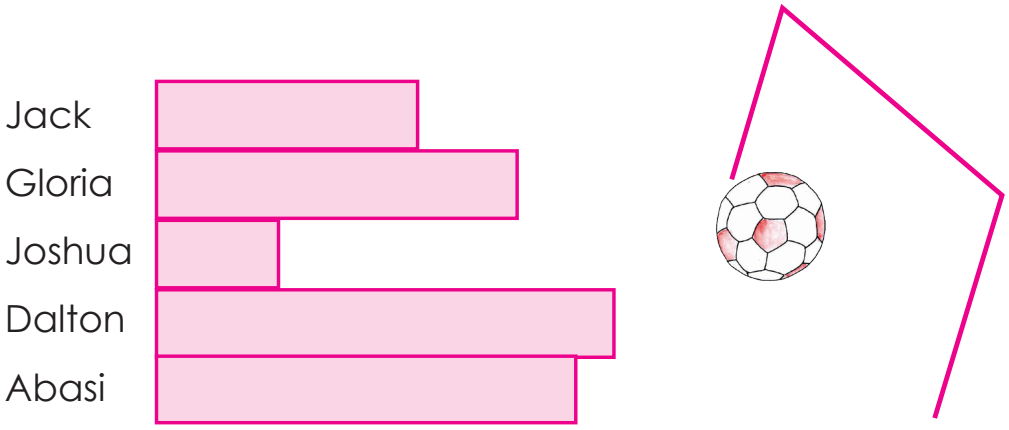
(b) Which people had the same bricks?

(c) Who sold few bricks?

(d) How many bricks were sold by Swengere?

(e) How many bricks were sold by Opolot and Edema?

2. Five children ran to pick a ball from the goal.



(a) Who was first to get the ball?

(b) How many balls can you see?

(c) How many children ran to get the ball?

(d) Where was the ball?

(e) Who was the last to get the ball?

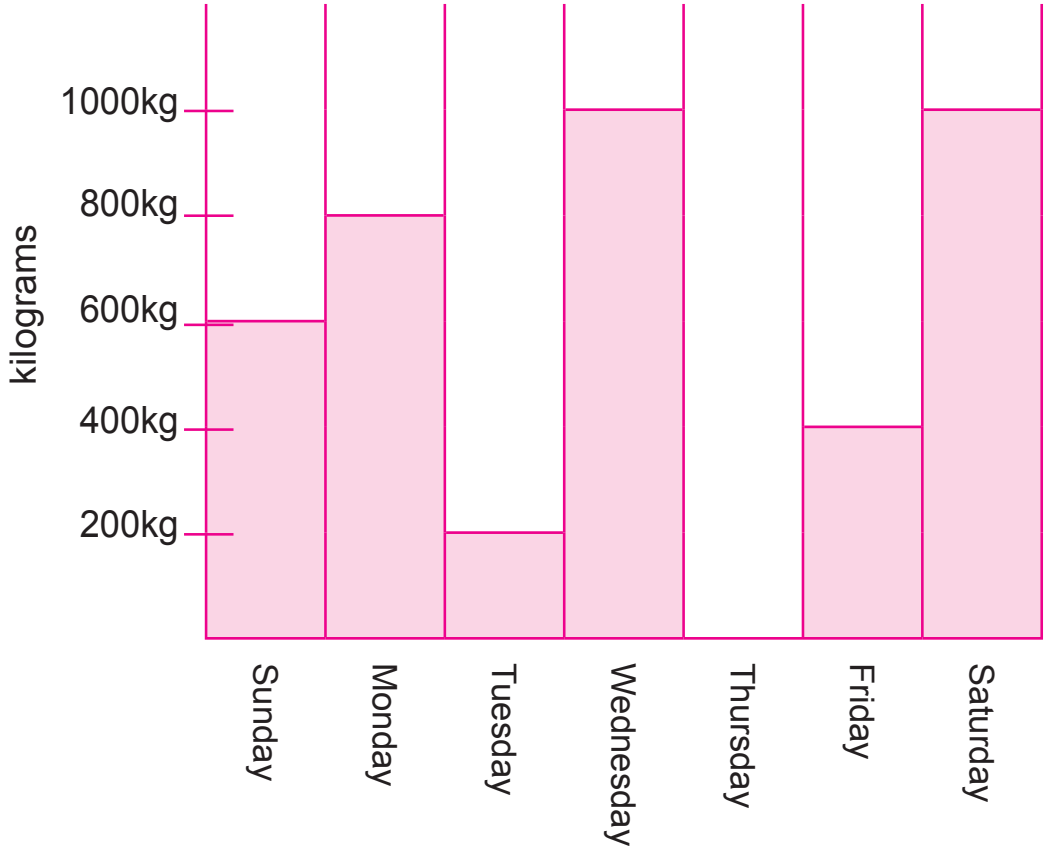
Lesson 53: Learning graphs is easy.

Activity 1: Counting numbers 2700-2750

2701	2702	2703	2704	.....

Activity 2: Come and we work together these graphs.

Salt was packed from Kasese to be sold to Moroto on different days



(a) When did they sell 400kg?

(b) Which days had 1000kg of salt?

(c) Add the kilograms of Monday and Thursday.

(d) Find the day when they did not sell salt.

(e) How many kilograms were packed on Sunday and Friday?

(f) Draw your graph and show things you do at home?

Lesson 54: Learning graphs is easy.

Activity 1: Counting numbers 2750-2800

2751	2752	2753	2754	.....

Activity 2: I am able to do any work on graphs.

Let me try the tables also.

The table shows collection of phones from Kenya boarder by Simba Telecom

Nokia	Sam sung	Techno	itel	Black berry
2541	1800	2785	1214	961

(a) Find the collected phones from Black berry and Nokia

Nokia 2 5 4 1
Black berry + 9 6 1
3 5 0 2 phones

(b) How many phones were collected from Techno and itel?

(c) Find the total for itel, black berry and sam sung.

(d) Subtract the samsung from Nokia phones

(e) Which type of phones has more phones?

(f) Which phones do you like most?

Mrs. Nuwagaba sold milk for 6 months as in this table.

January	250 litres
June	175 litres
February	384 litres
July	58 litres
December	550 litres
August	262 litres

(a) Add the litres for December, January and July.

(b) Subtract the litres of August from February.

(c) Which month has very little litres of milk?

(d) Which month had more milk?

(e) Find the total litres for January, June and July.

(f) Do you buy milk at home?

Wow!! I am happy. I have done a lot in mathematics.
I have learnt mathematics.
I like and enjoy mathematics.
Hi five, Hi five, Hi five.

Much as I have learnt Mathematics, I have to do work like cooking, cleaning, washing clothes and so on with my parents or older brothers and sisters. I should protect myself from harmful things which may interfere with my learning.

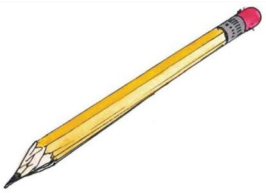
P.3 HOME - STUDY MATERIAL FOR TERM TWO

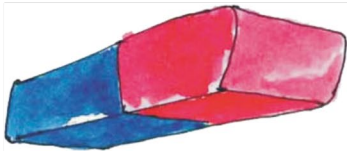
THEME: LIVING THINGS – ANIMALS IN OUR ENVIRONMENT.

SUBTHEME: TYPES OF LIVING THINGS.

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.

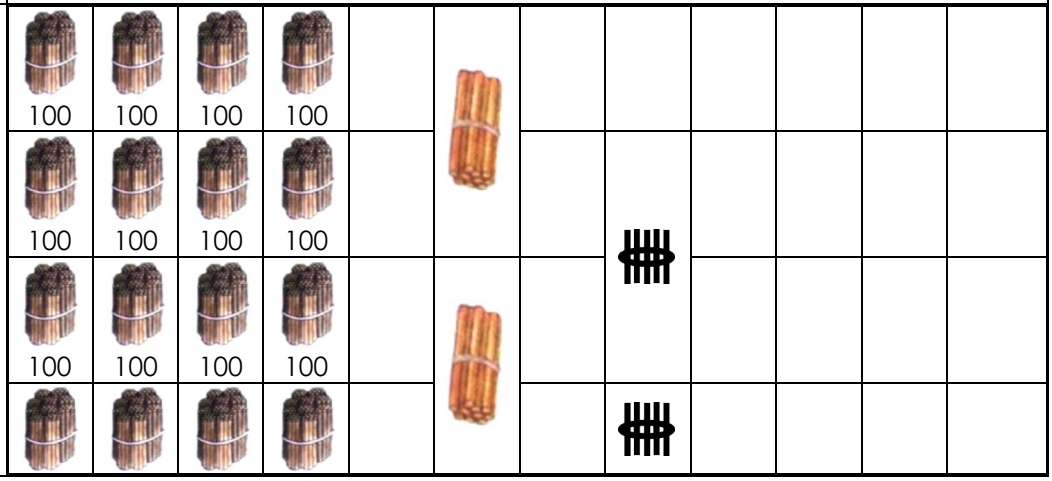


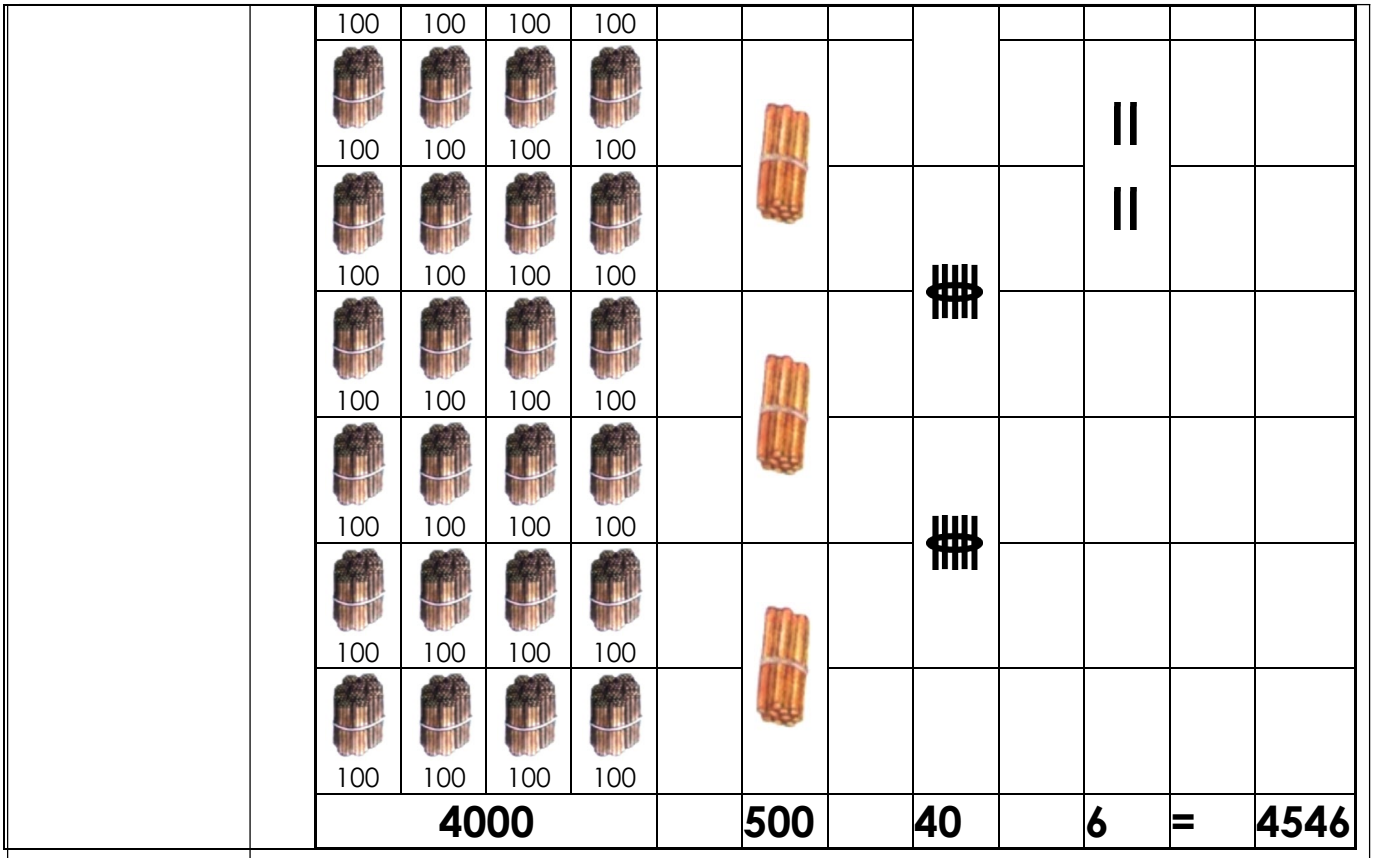


Dear learner, in this lesson we are going to;

- Use counters count from 4000 – 5000.
- Use the abacus to recognize place values in a 4 digit number.

HEALTH TIP: Play is good for your health but ensure that you do not play near flooded rivers.

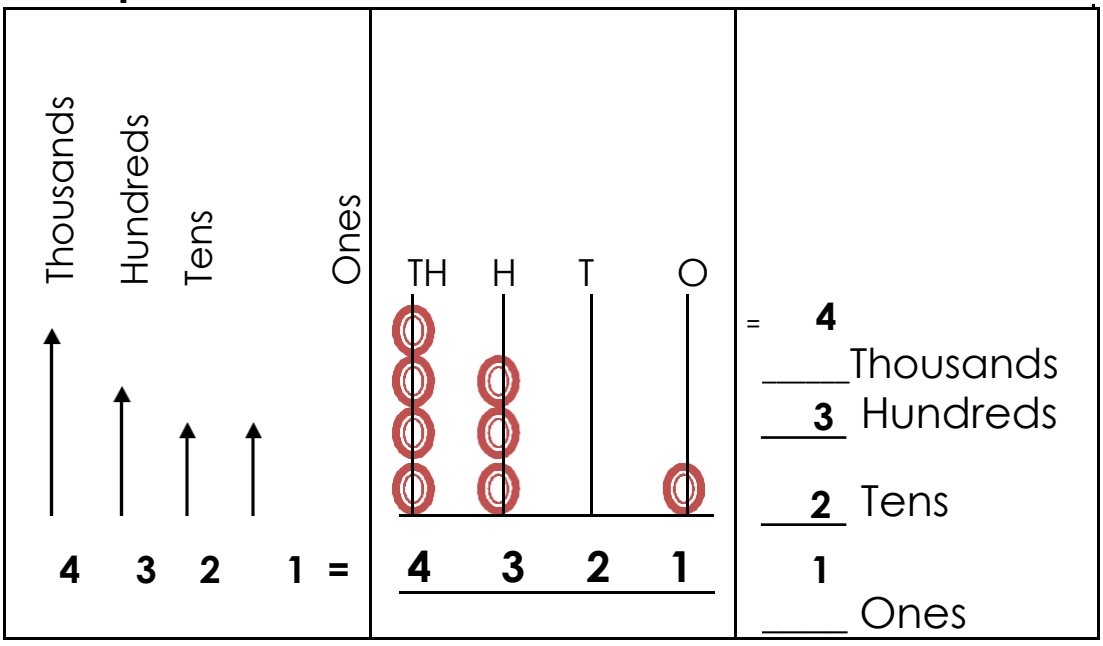
Activity	What to do
1	Counting 4000 – 5000 Let us count the bundles and single sticks.
	



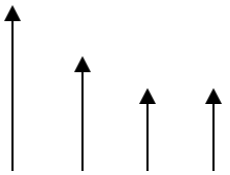
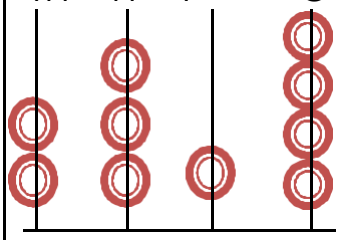
Activity 2

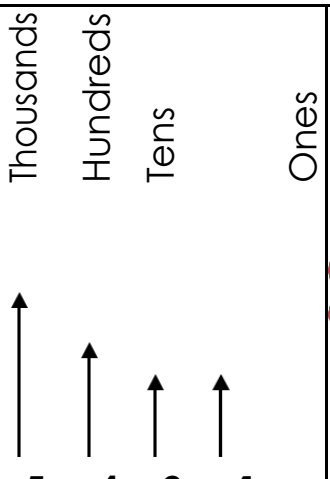
Let us use the abacus to find the place values in a 4 – digit number.

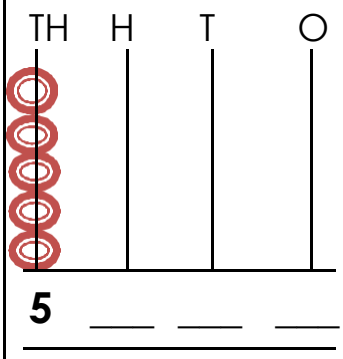
Example A



Now try this

Thousands Hundreds Tens Ones  **2 3 1 4 =**	TH H T O  **2** ___ __ __	____ Hundreds = ____Thousands ____ Tens ____ Ones





=

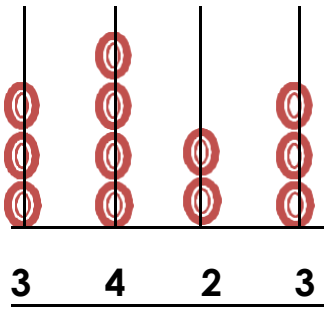
_____Thousands

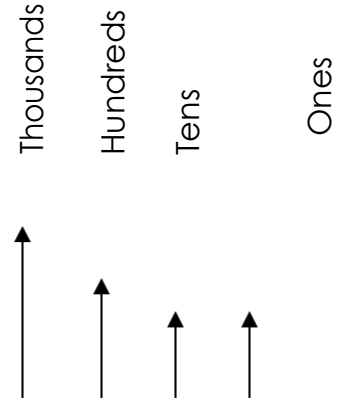
_____ Hundreds

_____ Tens

_____ Ones

Activity 3 **Let us write the place values of the following.**





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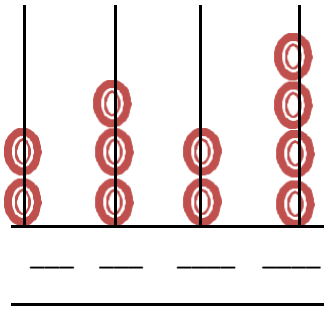
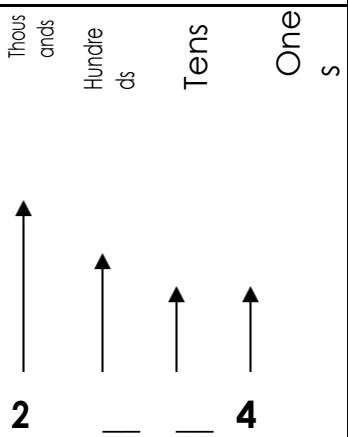
_____Thousands

_____ Hundreds

_____ Tens

_____ Ones





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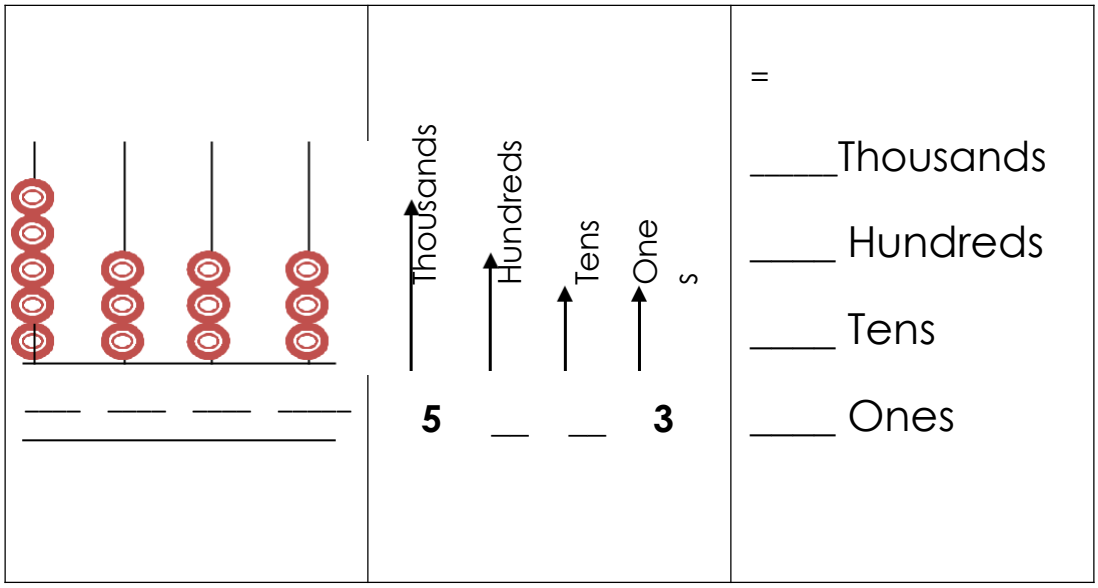
_____Thousands

_____ Hundreds

_____ Tens

_____ Ones

<table>
<tr>
<td></td>
<td>


Well done
</td>
</tr>
<tr>
<td>COVID MESSAGE</td>
<td>Avoid crowded places</td>
</tr>
</table>

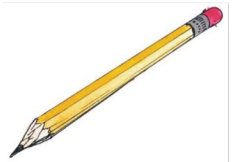
THEME: LIVING THINGS.

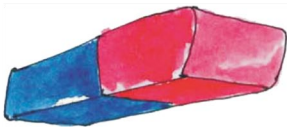
SUBTHEME: BIRDS AND INSECTS

LESSON 2.

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling, thank you for your continued support. Please, help the learner 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;

- Read number symbols.
- Write number symbols.
- Practice subtraction of 3 – digit numbers with borrowing.

HEALTH TIP: Always Wash Your Hands After Visiting A Latrine

ACTIVITY	**WHAT TO DO**
Activity 4	**Let us read and write number symbols**

4000	4001	4002	4003	4004	4005	4006	4007	4008	4009
4010	4011			4014	4015	4016	4017	4018	4019
				4024		4026	4027		4029
4030	4031	4032		4034	4035			4038	4039
4040	4041	4042	4043					4048	4049
		4052		4054	4055	4056		4058	4059
		4062		4064			4067		
4070		4072	4073	4074	4075	4076	4077	4078	
4080									
4090									
4100	4101	4102	4103	4104	4105	4106	4107	4108	4109

Activity 5 **Let us subtract.**

Example A

H	T	O
~~4~~5	1 2	1
- 2	4	0
2	**8**	**1**

Begin with ones 1 – 0 = 1

Then tens: 2 – 4 is not possible. Then borrow 1 ten from hundreds to make

12–4=8

In hundreds there remain 4.

Then 4 – 2 = 2.The answer is **2 8 1**

Example B

H	T	O
3	10	1
~~4~~	~~1~~	1
- 2	6	5
1	4	6

Begin with ones 1 – 5 is not possible.

Borrow 1 from tens to make 11.Then 11 – 5 = 6.

In Tens remains 0.Borrow 1 ten from hundreds to make 10.Then

10–6=4

Then 3 – 2 = 1

The answer is **1 4 6**

Activity 6 **Now try this**

1)

4	0	1
- 2	1	2

	2). 6 1 7 - 5 9 8 _____ 3). 5 3 2 - 2 6 6 _____ 4). 4 1 5 - 3 6 7 _____ **Thank You**
COVID MESSAGE	Remember to put on a mask whenever you are getting away from home.

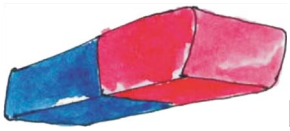
THEME: LIVING THINGS.

SUB THEME: CARE FOR INSECTS, BIRDS AND ANIMALS.

LESSON 3

Hello, you are welcome to this lesson.

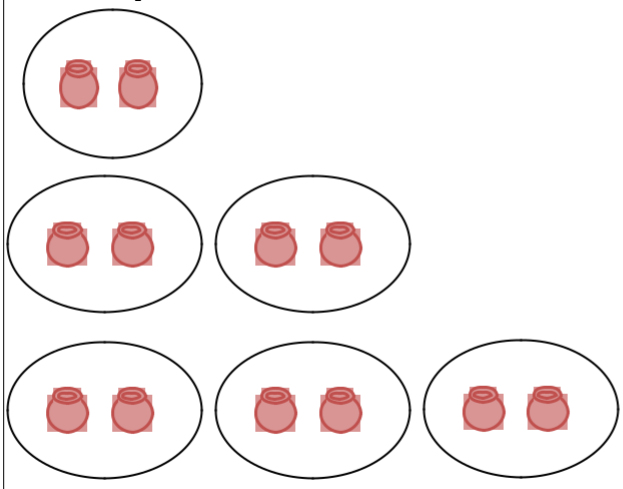
Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner get space for doing this activity. Provide him/her with the following materials required for this lesson.



Dear learner, in this lesson we are going to;

- Multiply 3 – digit number by 2.
- Solve word problems in multiplication by 2.

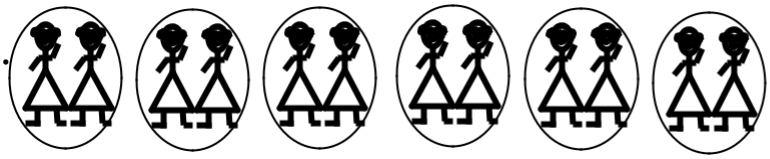
HEALTH TIP: Always cover on your food and keep it in a clean place

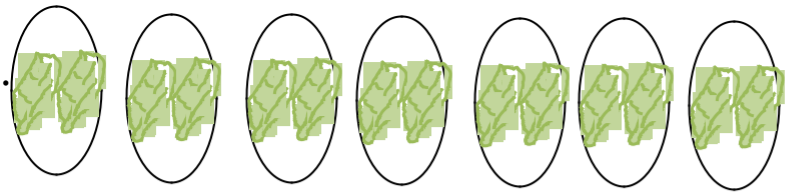
ACTIVITY	WHAT TO DO
Activity 1	**Let us multiply by 2** **Example A**  1×2= 2 2×2= 4 2×3= 6

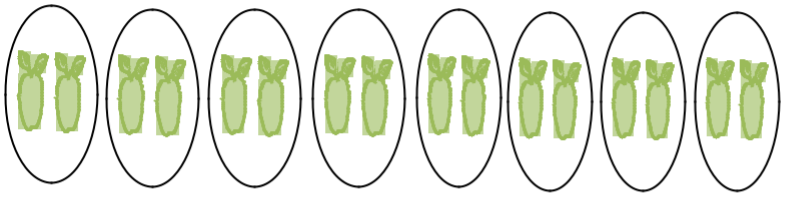
Let us draw and complete

1). 4×2= ☐

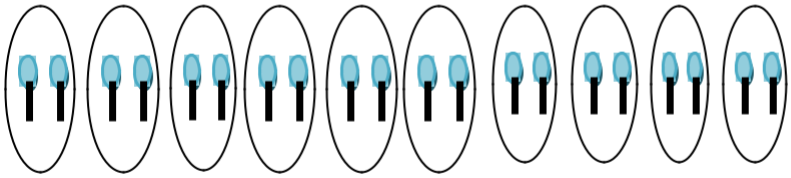
2). 5×2= ☐

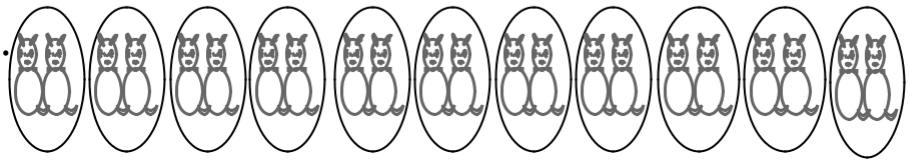
3).  6×2= ☐

4).  7×2= ☐

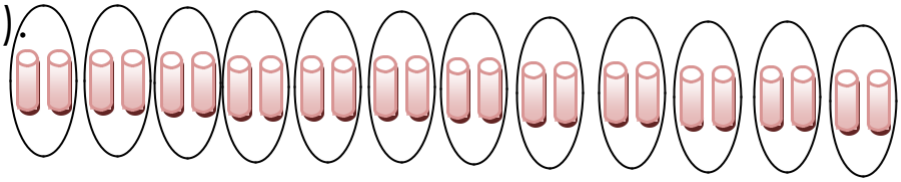
5).  8×2= ☐

6). 9×2 = ☐

7).  10×2 = ☐

8).  11×2= ☐

9).



12×2= ☐

Activity 8

More multiplication

Example a

Multiply 4 ones by 2 = 4 × 2 = 8.Write eight under ones

Then multiply 1 tens by 2 = 1 × 2 = 2.Write 2 under Tens.

The answer is 28

Example b

Multiply 6 ones by 2 = 6 × 2 = 12

Write 2 under ones. Take 1 to tens.

Multiply 1 tens by 2 = 1 × 2 = 2 + 1 = 3 tens

Write 3 under tens.

Now try these.

Multiply

1 3	1 5	1 7	1 8
× 2	× 2	× 2	× 2

2 5	2 6	2 7
× 2	× 2	× 2

Activity 9	**Let us multiply 3 – digit numbers by 2** **Example a** 3 4 1 × 2 6 8 2 Start with ones → 1×2=2 Then Tens → 4×2=8 Then Hundreds → 3×2=6 The answer is → **6 8 2** **Example b** 5 6 3 × 2 1 1 2 6 Start with ones → 3×2=6 Then Tens → 6 × 2 = 12.Write 2 under ones and carry 1 to tens. Then Hundreds → 5×2=10+1=11 The answer is **1126** **Now try these** a). 43 × 2 b). 61 × 2 c). 2 2 1 × 2 d). 5 2 4 × 2 **Thank You**
COVID MESSAGE	Keep social distance

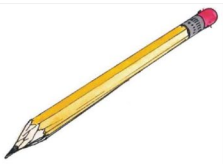
THEME LIVING THINGS: PLANTS IN OUR DIVISION/ SUB COUNTY

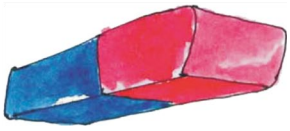
SUB THEME: PLANTS AND THEIR HABITANTS.

LESSON 1

Hello, you are welcome to this lesson.

Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner 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;

- Multiply 1, 2 and 3- digit numbers by 3.
- Fill in the missing numbers in given patterns.

HEALTH TIP: Report any thing that hurts you to an adult you trust

ACTIVITY	**WHAT TO DO**
Activity 1	**Let us look at these stools.** Let us find the number of legs on these stools. 1×3= 3 2×3= 6

Now, let us draw and complete.

1). 3×3= 9 ☐

2). 4×3= ☐

3). 5×3= ☐

4). 6×3= ☐

5). 7×3= ☐

6). 8×3= ☐

7). 9×3= ☐

8). 10×3= ☐

9). 11×3= ☐

10). 12×3= ☐

Activity 2

Let us practise multiplying 2-digit numbers by 3

Example a

$$\begin{array}{r} 12 \\ \times\ 3 \\ \hline 36 \\ \hline \end{array}$$

Starts with ones ⟶ 2×3=6

then Tens ⟶ 1×3=3

The answer is ⟶ **3 6**

Example b

$$\begin{array}{r} 14 \\ \times\ 3 \\ \hline 42 \\ \hline \end{array}$$

Start with ones ⟶ 4 × 3 = 12.Write under ones and take 1 to Tens.

Then multiply Tens ⟶ 1×3=3+1=4

Then write 4 under Tens.

The answer is ⟶ **4 2**

Activity 3	**Let us fill in the missing numbers** 3,6,9,12,___,18,_____,_____,___,30,___,36. **Well done**
COVID MESSAGE	Avoid touching your soft parts i. e nose mouth,and eyes to avoid getting infected with COVID 19

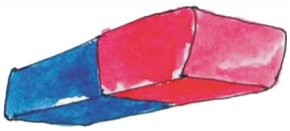
THEME: LIVING THINGS: PLANTS IN OUR DIVISION/SUB-COUNTY

SUB THEME: PARTS OF A FLOWERING PLANT AND THEIR USES

LESSON 2

Hello, you are welcome to this lesson.

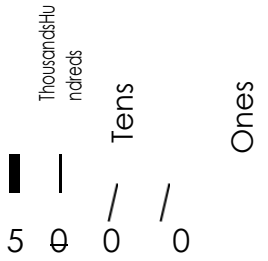
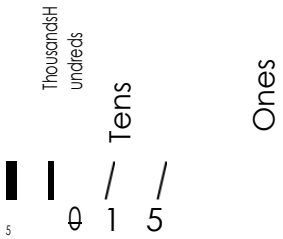
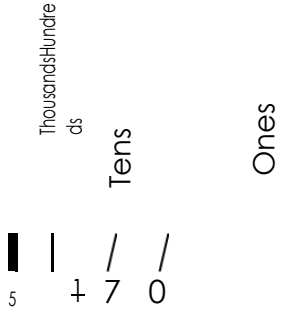
Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner get space for doing this activity. Provide him/her with the following materials required for this lesson.



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

- Read number names and symbols.
- Write number names and symbols.
- Fill in the missing numbers.

HEALTH TIP: Remember to wash your hands regularly with clean water and soap

ACTIVITY	WHAT TO DO
Activity 4	**Let us read number symbols and write number names.** **Examples**  = Five thousand  = Five thousand fifteen  = Five thousand one hundred seventy **Now try these** **Write number names.** 5728= 6513= 6028 = 6999= 5621= 5963=

Activity 5	**Let us read number names and write number symbols.** Five thousand two = 5002 Five thousand twenty nine = 5029 Five thousand six hundred twenty nine = 5629 Five thousand seven hundred twenty =..... Five thousand eight hundred forty three =..... Six thousand =..... Six thousand seven hundred forty =..... Six thousand five hundred sixty seven =..... Six thousand nine hundred twenty six =.....
Activity 6	**Fill in the missing numbers** 5001 5002 5003 ---------- ---------- 5006 5007 -------- 5009---------- 5011 5012 5013 ----------5015 -------- ---------- 5018 5019--------- **Thank you.**
COVID MESSAGE	Avoid touching your soft parts i.e. nose, mouth and eyes to avoid getting infected with COVID 19.

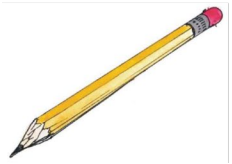
THEME LIVING THINGS: PLANTS IN OUR DIVISION / SUB COUNTY

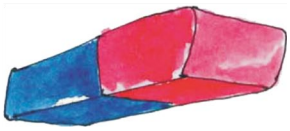
SUBTHEME: CROP GROWING.

LESSON: 6

Hello, you are welcome to this lesson.

Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner 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;

- Multiply 1, 2 and 3 – digit numbers by 4.
- Solve word problems in multiplication.
- Fill in the missing numbers.

HEALTH TIP: Remember to wash your hands regularly with clean water and soap

ACTIVITY	**WHAT TO DO**
Activity 7	**Let us multiply, Let us fill the boxes.** 1) 4 — 1 four = 1 × 4 = 4 2) 4+ 4 — 2 fours = 2 × 4 = 8 3) 4+4+4 — 3 fours = 3 × 4 = 12 4) 4+4+4+4 — 4 fours = 4 × 4 = ☐ 5) 4+4+4+4 + 4 — 5 fours = 5 × 4 = ☐ 6) 4+4+4+4 +4+4 — 6 fours = 6 × 4 = ☐ 7) 4+4+4+4 +4+4+4 — 7 fours = 7 × 4 = ☐ 8) 4+4+4+4 +4+4+4+4 — 8 fours = 8 × 4 = ☐ 9) 4+4+4+4 + 4 +4+4+4+4 — 9 fours = 9 × 4 = ☐ 10)4+ 4 +4+4 + 4 +4+4+4+4+4 — 10 fours = 10 × 4 = ☐ 11)4+ 4 +4+4+4+4+4+4+4+4+4 — 11 fours = 11 × 4 = ☐ 12)4+ 4 +4+4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 — 12 fours = 12 × 4 = ☐

Activity 8	**More multiplication** **Let us multiply** **Example a** 1 2 × 4 4 8 Multiply 2 ones by 4 = 2 × 4 = 8.Write 8 under ones. Multiply 1 tens by 4 = 1 × 4 = 4.Write 4 under tens **Example b** 1 5 × 4 6 0 Multiply 5 ones by 4 = 5 × 4 = 10.Write under ones and take 2 to Tens. Multiply 1 tens by 4 = 1 × 4 = 4 + 2 = 6 Write 6 under tens. **Now try these** 1 0 × 4 = _____ 1 6 × 4 = _____ 1 8 × 4 = _____ 2 0 × 4 = _____ 2 2 × 4 = _____ 2 3 × 4 = _____
Activity 9	**Fill in the missing numbers.** 4 , 8, ------, 16, ------,24, ------,32, ------, 40,------- , ---------. **Well done**
COVID MESSAGE	Wash your hands regularly with clean water and soap.

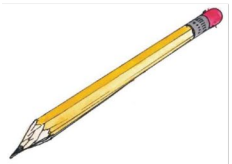
THEME: MANAGING RESOURCES IN OUR DIVISION/SUB – COUNTY

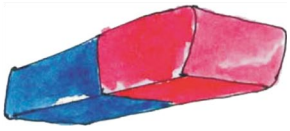
SUB – THEME: SAVING RESOURCES

LESSON 1

Hello, you are welcome to this lesson.

Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner 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 numbers 7000 – 9999

Recognizing place values up to 4 – digit numbers.

HEALTH TIP: Report any thing that hurts you to an adult you trust

ACTIVITY	**WHAT TO DO**
Activity 1	**Let us read and write number symbols 7000 – 9999.**

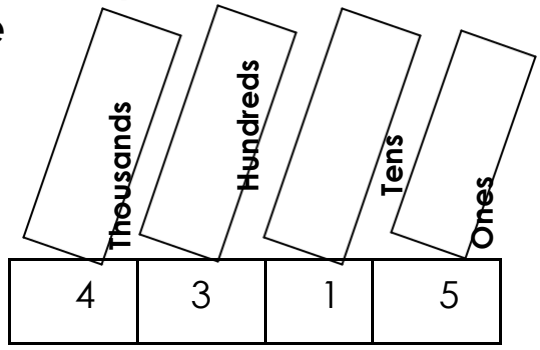
7000	7001	7002	7003	7004	7005	7006	7007	7008	7009
7010	7012	7013	7014	7015	7016	7017	7018	7019	7020
7021	7022	7023	7024	____	____	7027	7028	____	7030
____	7032	____	7034	____	7036	____	7038	7039	7040
7041	____	7043	____	7045	____	7047	____	7049	7050
7051	____	____	7054	____	7056	____	____	7059	7060
7061	7062	7063	7064	____	____	____	____	____	____
7070	____	7072	7073	7074	____	7076	7077	7078	7079
7080	7081	7082	7083	7084	7085	____	____	____	____
7090	____	____	____	7094	7095	7096	7097	7098	7099
7100	7101	7102	7103	7104	____	____	____	____	____
8000	8001	8002	8003	8004	8005	8006	8007	8008	8009
8020	8021	____	____	____	____	____	____	____	____

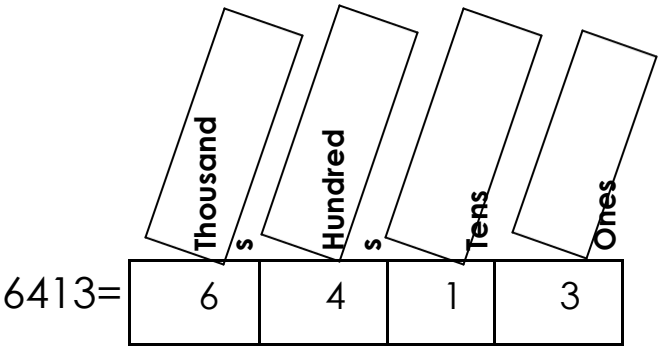
8040	___	___	___	___	___	___	___	___	___
8060	___	___	___	___	___	___	___	___	___
8080	___	___	___	___	___	___	___	___	___
8100	___	___	___	___	___	___	___	___	___

ACTIVITY 2

Let us find the place values.

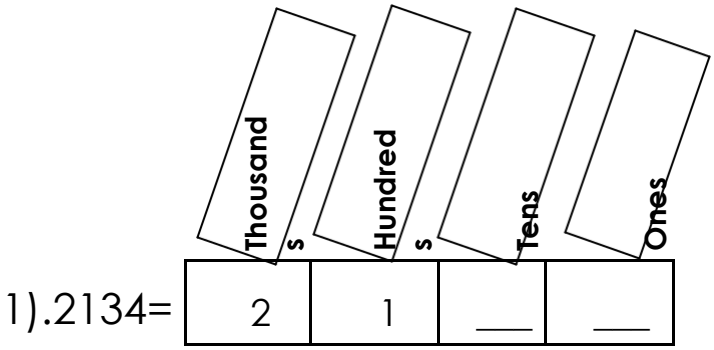
Example

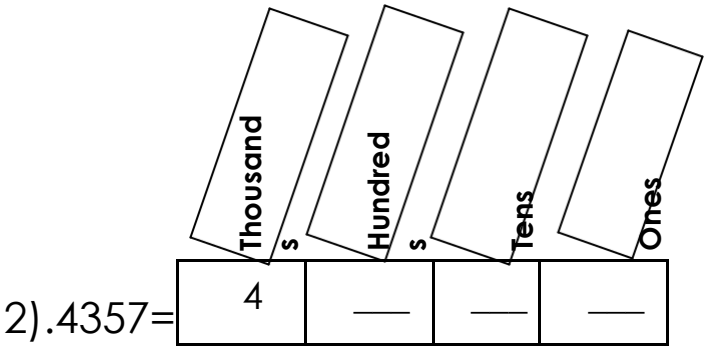
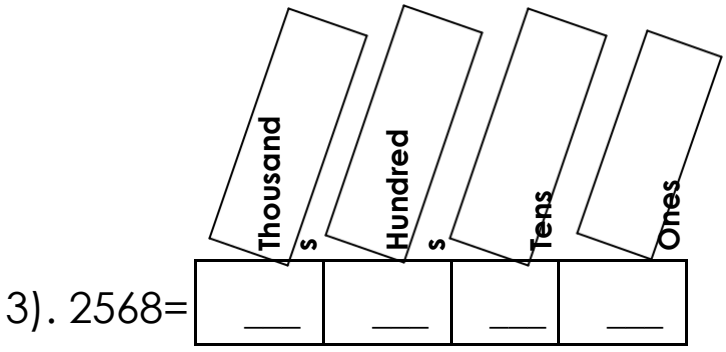
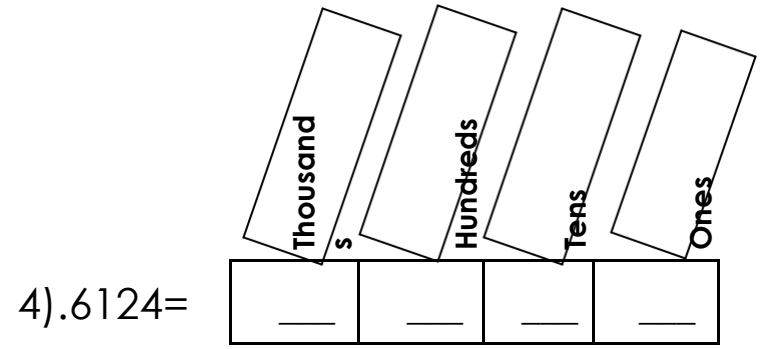
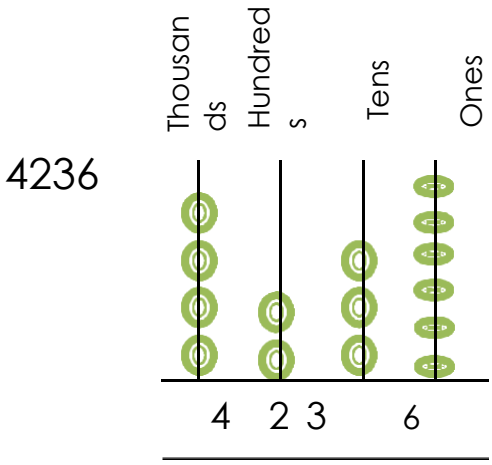




Now try this.

Copy and complete by showing place values.



	  
Activity 3	**Let us use the abacus to find place values.** 

	Draw the abacus and find the place values of the following numbers. a).3 4 2 1 b). 7 2 8 1 c).5 3 3 2 d). 9 1 2 9 **Thank You**
COVID MESSAGE	Remember to use a tissue or your elbow when sneezing and then throw the tissue in to the trash.

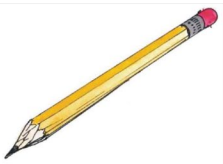
THEME: MANAGING RESOURCES IN OUR SUB – COUNTY/DIVISION

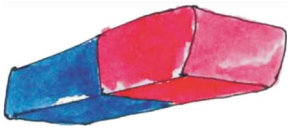
SUB – THEME: SPENDING RESOURCES

LESSON 2

Hello, You are welcome to this lesson.

Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner 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;

-Read and write number names and symbols.

-Change number symbols to number names.

HEALTH TIP: Remember you can read and learn while at home even when schools are closed. So feel free to study from home

ACTIVITY	**WHAT TO DO**
Activity 4	**Let us write number names in figures** **Example 1** Two thousand five hundred thirty six. Two thousand = 2000 Five hundred = 500 Thirty six = + 36 Two thousand five hundred thirty **2 5 3 6**

Example 2

Seven thousand two hundred twelve.

Seven thousand = 7000

Two hundred = 200

Twelve =+12

Two thousand five hundred thirty **7 2 1 2**

Now try these.

Write these in figures.

1).One thousand, six hundred thirty four

2). Three thousand, one hundred three.

3). Six thousand, four hundred fifteen.

4). Nine thousand, Four hundred thirteen.

Activity 5

Let us write these in words.

	TH	H	T	O	NUMBER NAMES
1				9	Nine
2			2	7	Twenty seven
3		2	0	0	.....
4			3	2	.....
5		2	4	9	.....
6		3	0	4	Three hundred four
7	1	4	1	2	.....
8	3	2	0	0	.....
9	4	4	5	7	.....
10	5	0	0	0	.....
11	6	0	1	6	Six thousand sixteen
12	8	1	3	3	.....

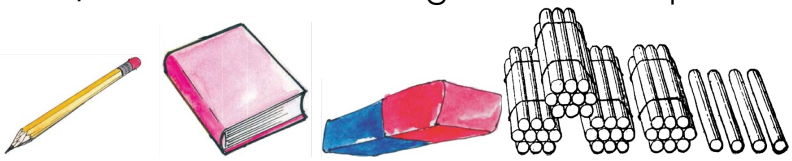
Activity 6

Change the following number symbols to words.

a).3 6 5 .....

	b). 8 0 5 ..... c). 1 5 6 2 ..... d). 3 4 6 8 ..... c). 8 9 0 0 ..... **Thank You**
COVID MESSAGE	Clean frequently touched surfaces with water and soap or sanitizer.

THEME: MANAGING RESOURCES IN OUR SUB – COUNTY/DIVISION
SUB-THEME: PROJECTS
LESSSON 3
Hello, You are welcome to this lesson.
Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner 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;

- Identify money
- Add money
- Subtract money
- Solve word problems with money.

HEALTH TIP:

ACTIVITY	**WHAT TO DO**		
7	**Let us read and write our money**		
	Uganda money	**We read**	**We write**
		Fifty shillings	Sh. 50 or 50/=
		One hundred shillings	Sh.100 or 100/=
		Two hundred shillings	Sh. 200 or 200/=
		Five hundred shillings	Sh. 500 or 500/=
		One thousand shillings	Sh. 1,000 or 1,000/=

		One thousand shillings	Sh. 1,000 or 1,000/=
		Two thousand shillings	Sh. 2,000 or 2,000/=
		Five thousand shillings	Sh. 5,000 or 5,000/=
		Ten thousand shillings	Sh. 10,000 or 10,000/=
		Twenty thousand shillings	Sh. 20,000 or 20,000/=
		Fifty thousand shillings	Sh. 50,000 or 50,000/=

Activity 8 **Let us add money**

Example 1

Sh. 1 5 0

+Sh. 2 5 0

Sh. 4 0 0

Example 2

Sh. 4000

+Sh. 2500

Sh. 65 00

Now try these.

Add:

1). Sh. 1 0 0

+Sh. 5 0 0

2). Sh. 5 0 0

+Sh. 5 0 0

	Sh. 2 0 0 0 3). +Sh. 3 0 0 0 4). Sh. 4 0 0 0 +Sh. 5 0 0 0 5).Jerome has sh. 4,000 and Juma has sh.3000.How much do they have altogether?
Activity 9	**Let us subtract money.** **Example 1** Sh. 5 0 0 - Sh. 3 0 0 Sh. 2 0 0 Example 2 Sh. 5000 - Sh. 4000 Sh. 1 000 **Now try these** 1). Sh. 1000 - Sh. 9 0 0 2). Sh. 4000 - Sh. 2500 3). My father has a five thousand note.He wants to buy a bucket at shillings three thousand.How much change does he get back? **Thank You**
COVID MESSAGE	Avoid crowded places

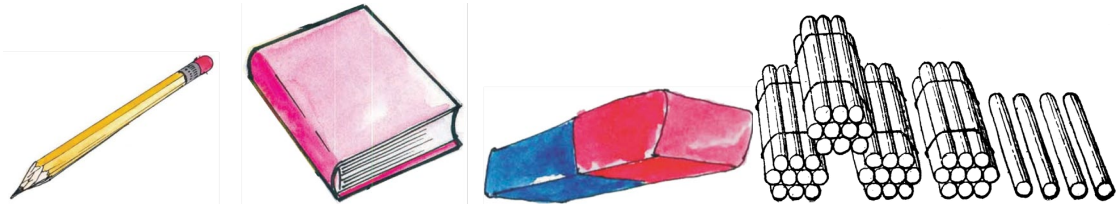
THEME: KEEPING PEACE

SUB-THEME: LIVING IN PEACE WITH OTHERS

LESSON1

Hello, You are welcome to this lesson.

Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner get space for doing this activity. Provide him/her with the following materials required for this lesson.



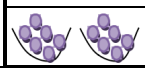
Dear learners, in this lesson we are going to;

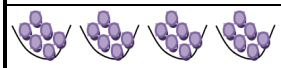
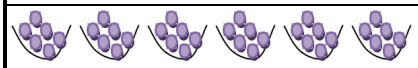
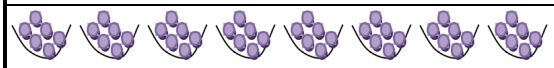
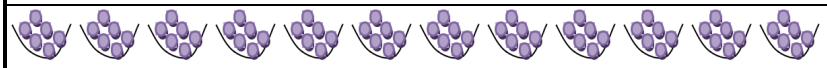
Multiply 1,2 and 3-digit numbers by 6

Multiply money.

Solve word problems with multiplication of money

HEALTH TIP:

Activity	WHAT TO DO	
1	**Let us multiply by 6**	
	6	1 × 6 = **6**
		2×6=___

	6 + 6	
	 6 + 6 + 6	3 × 6=___
	 6 + 6 + 6 + 6	4 × 6=___
	 6 + 6 + 6 + 6 + 6	5 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6	6 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6	7 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	8 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	9 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	10 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	11 × 6=___
	 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	12 × 6=___

2	**Tukubiseemu** 1 1 3 X 6 7 8 1 4 2 X 6 2 5 2

	Let us multiply money Sh 500 × 6 = Sh 3000 Sh 1050 × 6 = Sh 6300 Try this Sh 50 × 6 = Sh Sh 150 × 6 = Sh
3	**Let us read and work out.** **Example** The cost of a loaf of bread is 800,What is the cost of 5 loaves? Sh 800 × 5 = Sh 4000
	Now try these. 1). One mango costs sh.500. What is the cost of 7 same mangoes? 2). The cost of one book is sh.700. What is the cost of 6 books? 3). Peter bought 3 trays of eggs. One tray of eggs costs sh.3000. How much did peter pay for the 3 trays of eggs? **Thank You**
COVID MESSAGE	Always put on a mask when moving away from home

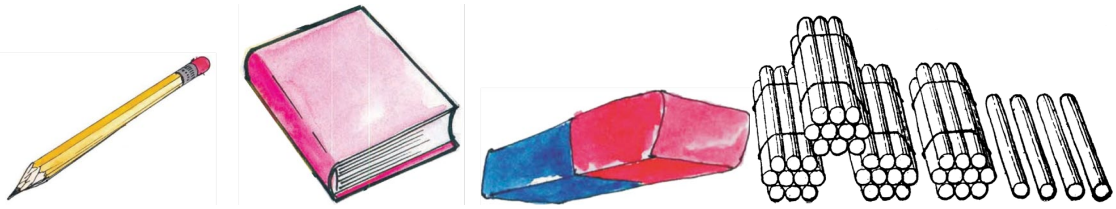
THEME: KEEPING PEACE

SUB – THEME: CHILD RIGHTS NEEDS AND THEIR IMPORTANCE

LESSON 2

Hello, you are welcome to this lesson.

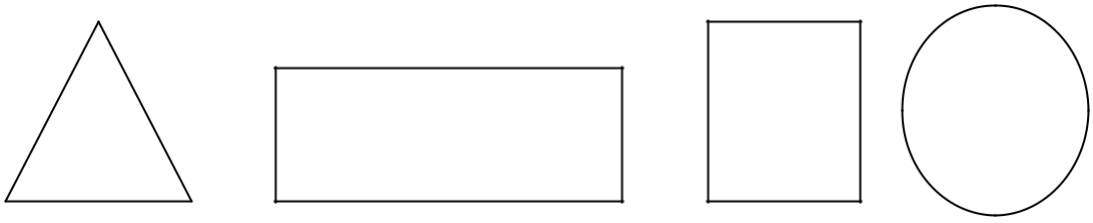
Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner get space for doing this activity. Provide him/her with the following materials required for this lesson.



Dear learner, in this lesson we are going to;

- Draw simple shapes
- Draw fractions from half to tenth
- Name fractions

HEALTH TIP: Play is good for the health but ensure you do not play near flooded rivers.

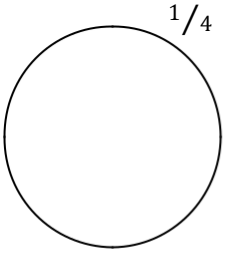
ACTIVITY	**WHAT TO DO**
Activity 4	Let us draw shapes. 

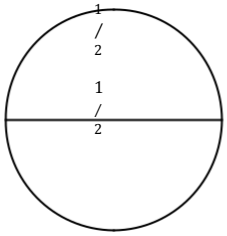
Activity 5 **Let us draw and name fractions using shapes**

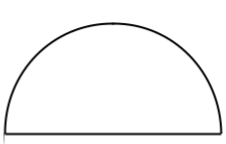
$1/2$

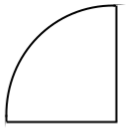
$1/2$

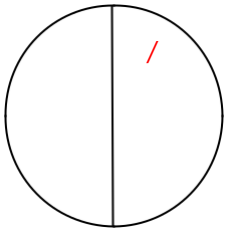
$1/4$



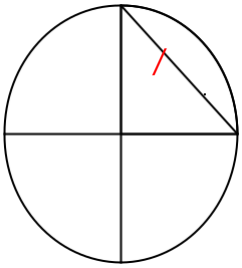




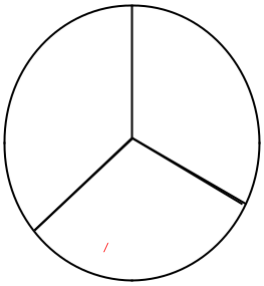




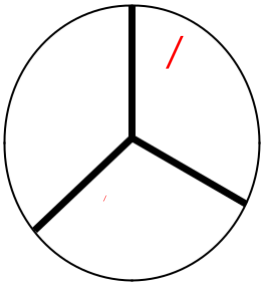
$1/2$ is a half or one half.



$1/4$ is a quarter or one quarter

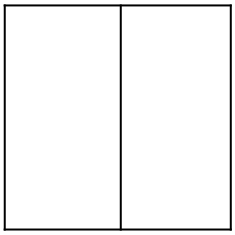


$1/3$ is a



$2/3$ is two thirds

Now try this
Name the shaded fraction.



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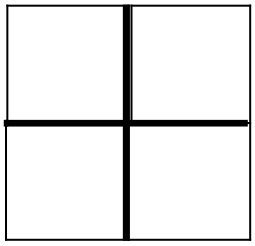

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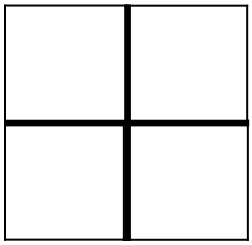

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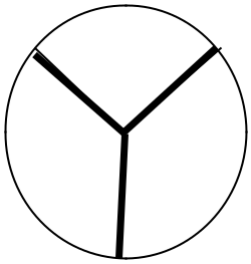
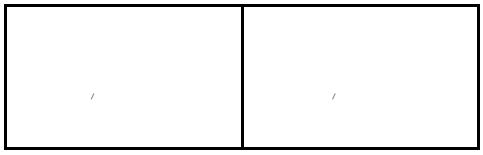
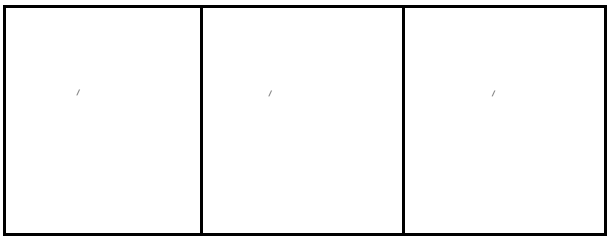
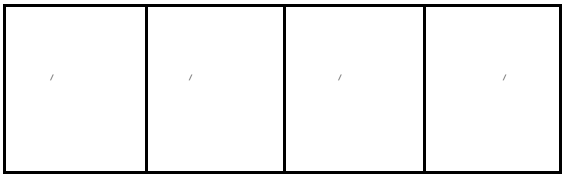
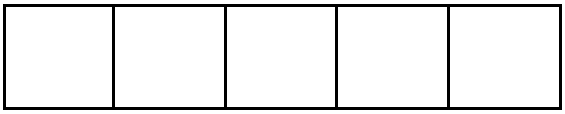
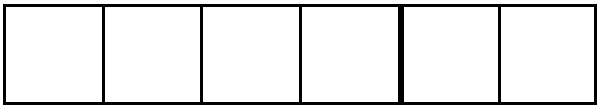
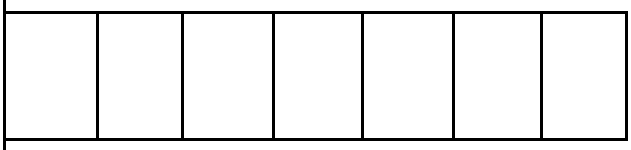
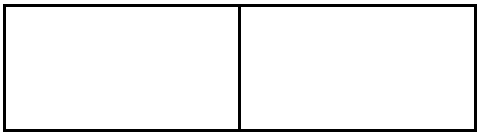
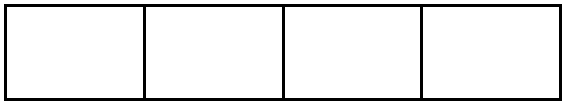


.....

Activity 6 Let us make fraction strips

	1.		The shaded part is /
	2.		The shaded part is /
	3.		The shaded part is /
	4		The shaded part is ……..
	5		The shaded part is …….
	6		The shaded part is ……
	7.		The shaded part is ……..
	8.		The shaded part

	9.		The shaded part is …….
	10.		The shaded part is ……

Well done

COVID MESSAGE CLEAN FREQUENTLY TOUCHED SURFACES WITH WATER AND SOAP OR SANITIZER

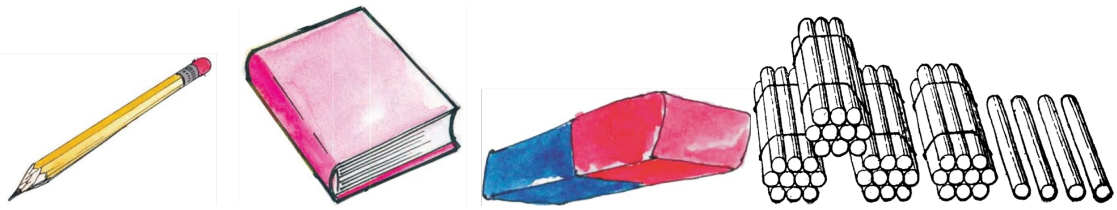
THEME: KEEPING PEACE

SUB-THEME: CHILD RESPONSIBILITY

LESSON 3

Hello, You are welcome to this lesson.

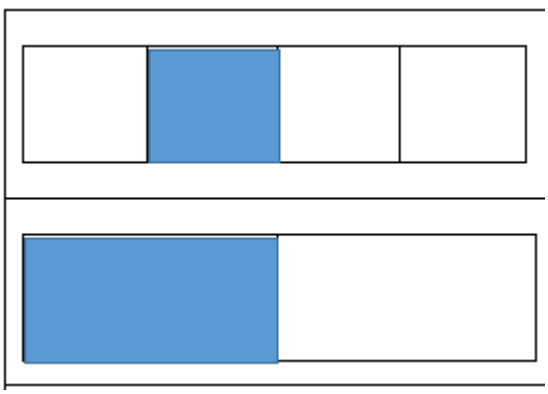
Dear parent/ guardian/ sibling, thank you for your continued support. Please, help the learner get space for doing this activity. Provide him/her with the following materials required for this lesson.

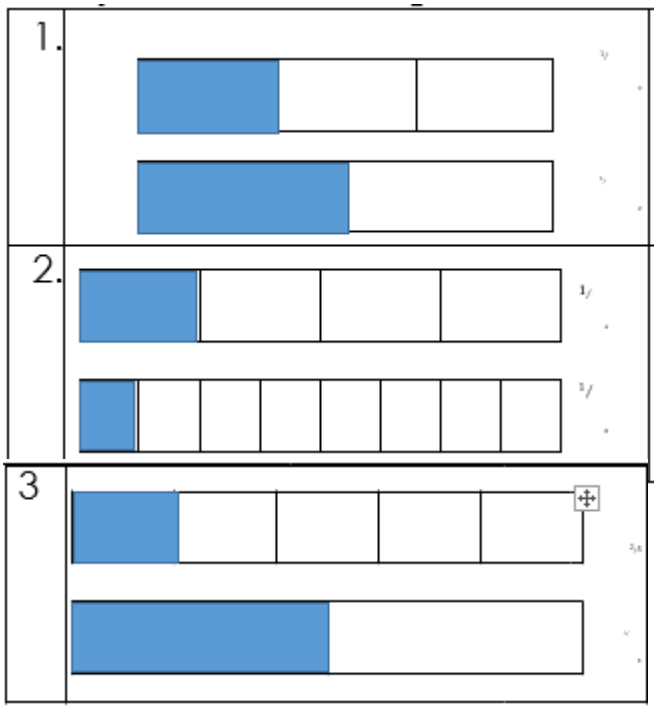
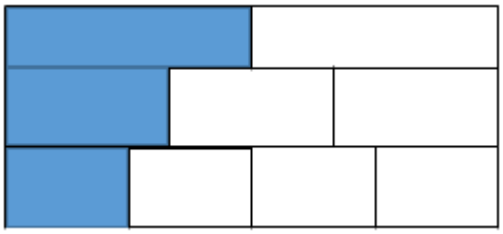


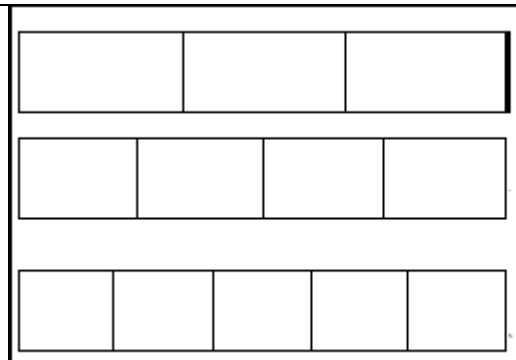
Dear learner, in this lesson we are going to;

- Compare fractions
- Order fractions
- Add fractions with the same denominator.

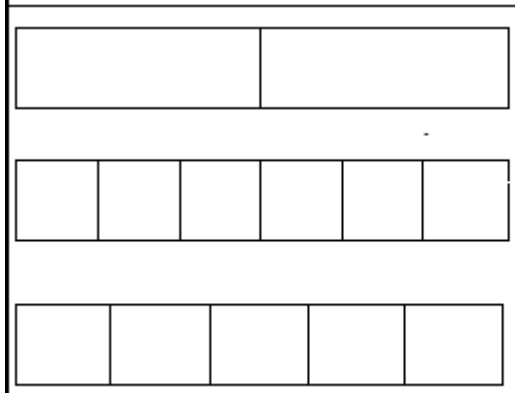
HEALTH TIP: Make sure the place you sit in is clean and free of any things that can hurt you while reading your books

ACTIVITY	**WHAT TO DO**
1	Let us compare fractions using strips **Example 1**  The shaded part is The shaded part is

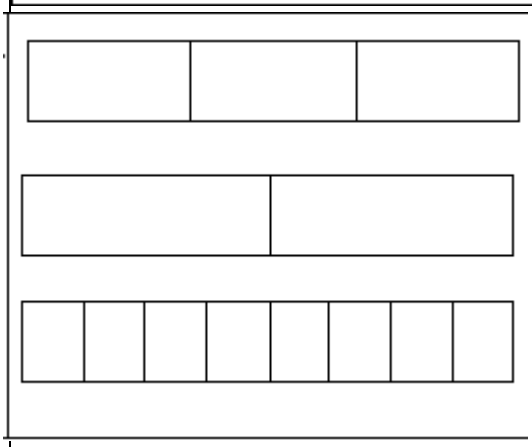
	Now try these **Compare the following fractions.**  ….. is bigger than ……. ….. is bigger than ……. ….. is bigger than …….
Activity 8	**Let us order fractions**  1/2 is bigger than 1/4 1/4 is bigger than 1/3



Write the fractions starting from the smallest …….. , ……., …….



Write the fractions starting from the smallest …….. , ……., …….



Write the fractions starting from the smallest …….. , ……., …….

9	**Let us add fractions** **Example 1** 1/4 +1/4 = 2/4 **Example 2** 1/5 + 2/5 = 3/5 **Now try these.** a) 2/8 + 4/8 = b) 3/7 + 1/7 = b) 1/6 + 1/6 = c) 5/9 + 2/9 = Well done.
COVID MESSAGE	AVOID CROWDED PLACES

HOME-STUDY MATERIAL

PRIMARY THREE

TERM THREE

MATHEMATICS

THEME: CULTURE AND GENDER

SUB – THEME: CUSTOMES IN OUR SUB-COUNTY/DIVISION

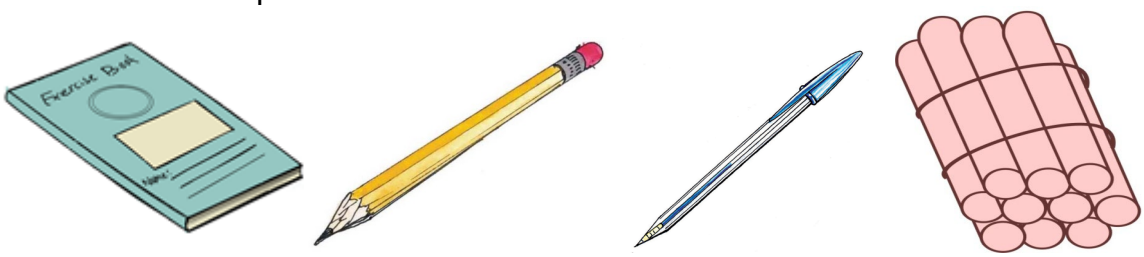
LESSON: 1

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

materials required for this lesson



Dear learner, in this lesson we are going to;

- Multiply 3 – digit numbers by 7
- Solve word problems in multiplication.

HEALTH TIP: **Remember not to sit near one another**

ACTIVITY	WHAT TO DO
Activity 1	**Let us multiply by 7** **Example a** 111×7= H T O 1 1 1 × 7 7 7 7 First multiply ones 1 × 7 = 7 Then multiply Tens 1 × 7 = 7 Then multiply Hundreds 1 × 7 = 7 **Therefore 111 × 7 = 7 77**
	Example b 1 2 1 × 7 = H T O 1 1 2 1 × 7 8 4 7 Multiply one first 1 × 7 = 7 Then multiply Tens 2 × 7 = 14 Write 4 under tens and carry 1 to hundreds. Then multiply hundreds 1 × 7 = 7 + 1 = 8 **Therefore 1 2 1 × 7 = 8 4 7** **Now try these** 1).131×7= 2).142×7= 3).121×7=

Activity 2 More multiplication by 7

Example a

$$\begin{array}{r} 1\ 2\ 3 \\ \times\quad 7 \\ \hline \\ \hline \end{array}$$

Start with ones 3 × 7 = 21.Write 1 under ones and carry 2 to Tens. Then multiply Tens

2 × 7 = 14 +2 = 16.Write 6 under tens and carry 1 to Hundreds.

Then multiply Hundreds.1 × 7 = 7 + 1 = 8.Write 8 under hundreds.

Therefore

$$\begin{array}{r} 1\ {}^{2}2\ \ 3 \\ \times\quad 7 \\ \hline 8\ \ 6\ \ 1 \\ \hline \end{array}$$

Example b

$$\begin{array}{r} {\scriptstyle 1\ \ \ } \\ 2\ \ 1\ \ 2 \\ \times\quad 7 \\ \hline 1\,4\,8\ \ 4 \\ \hline \end{array}$$

Start with ones 2 × 7 = 14.Write 4 under ones and carry 1 to tens.

Then multiply Tens 1 × 7 =7 + 1 = 8

Then multiply Hundreds.

2×7=14

Now try these.

1).

$$\begin{array}{r} 41\ \ 4 \\ \times\quad 7 \\ \hline \\ \hline \end{array}$$

2).

$$\begin{array}{r} 1\ \ 4\ \ 3 \\ \times\quad 7 \\ \hline \\ \hline \end{array}$$

3).

$$\begin{array}{r} 3\ 2\ \ 2 \\ \times\quad 7 \\ \hline \\ \hline \end{array}$$

Activity 3 **Let us read and multiply**

A shopkeeper has 6 spades. If he sells each at sh.400.How much money does he get from selling six spades?

=	4	0	0	Multiply ones first 0 × 6 = 0
	×		6	Then multiply tens 0 × 6 = 0
	2 4	0	0	Then multiply Hundreds 4 × 6 = 24

Therefore 4 0 0 × 6 = 2 4 0 0

The shopkeeper gets sh 2400 after selling six spades.

Now try these.

1).An insect has 6 legs.How many legs do 12 insects have?

2).What is the cost of buying 6 dresses when each costs 3000?

Well done

COVID MESSAGE **AVOID CROWDED PLACES**

THEME: CULTURE AND GENDER

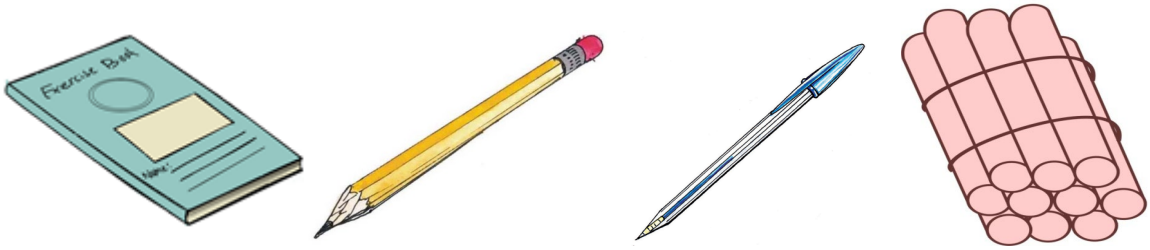
SUB – THEME: GENDER

LESSON 2

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

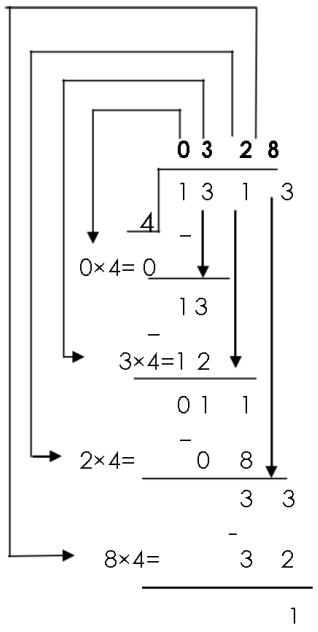


Dear learner, in this lesson we are going to;

- Divide 4-digit numbers by 4 with remainder.
- Divide a 4 – digit number by 6 with no remainder.
- Solve word problems using division.

HEALTH TIP Make sure the place you sit in is clean and free of any things that can hurt you while reading your

ACTIVITY	WHAT TO DO
Activity 4	**Let us divide**



1 ÷ 4 = 0 rem 1

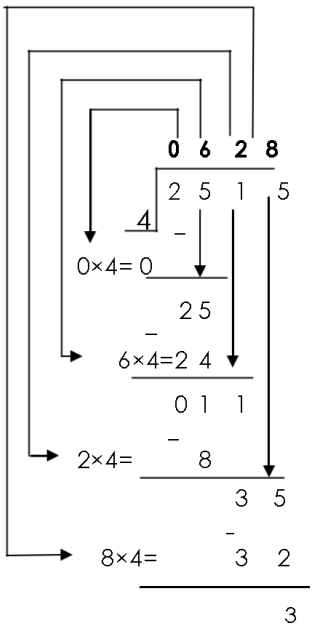
13 ÷ 4 = 3 rem 1

11 ÷ 4 = 2 rem 3

33 ÷ 4 = 8 rem 1

Therefore 1 3 1 3 ÷ 4 = 3 2 8 rem 1

Example 2



2 ÷ 4 = 0 rem 1

25 ÷ 4 = 6 rem 1

11 ÷ 4 = 2 rem 3

35 ÷ 4 = 8 rem 3

Therefore 2 5 1 5 ÷ 4 = 8 remainder 3

Now try these

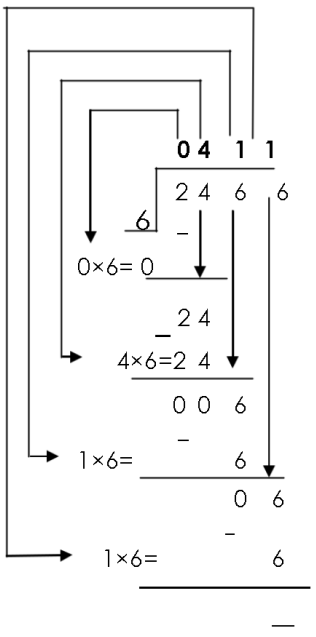
1). $4\overline{)1511}$

2). $4\overline{)1793}$

3). $4\overline{)7221}$

4). $4\overline{)2111}$

Activity 5	**Let us divide by 6 with no remainders** **Example a**



2 ÷ 6 = 0 rem 2

24÷6=4

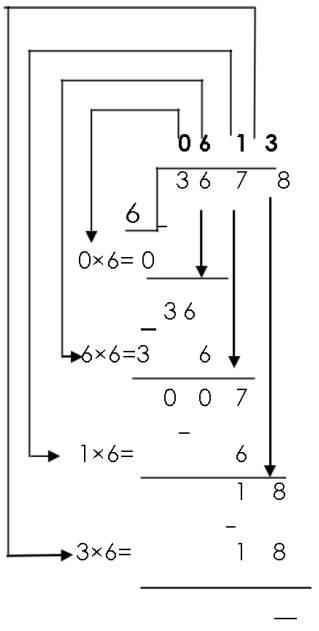
6÷6=1

6÷6=1

Therefore 2 4 6 6 ÷ 6 = 4 1 1

Example 2

Divide 3 6 7 8 by 6



3 ÷ 6 = 0 rem 3

36÷6=6

7 ÷ 6 = 1 rem 1

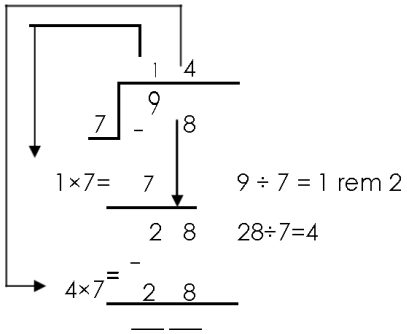
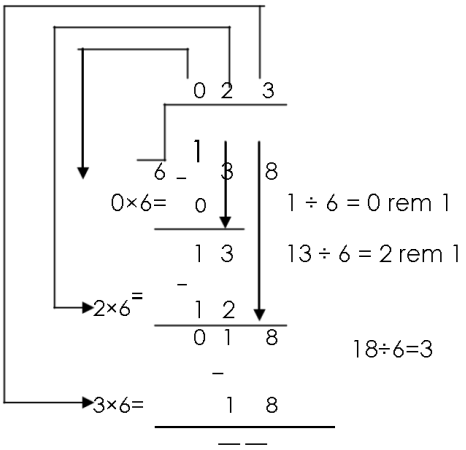
18÷6=3

3678÷6=613

Now try these

1). $6\overline{)6672}$ **2).** $6\overline{)4236}$

3). $6\overline{)3648}$ **4).** $6\overline{)4812}$

Activity 6	**Let us read and divide.** **Share 98 books among 7 children. How many does each get?** **Example 1**  Each child gets 14 books. **Example 2** Share 1 3 8 sweets among 6 children.  **Each child gets 23 sweets.** **Now try these** 1). Musa packed 3648 balls in 6 boxes equally. How many balls did each box contain? 2). Share 2 4 0 balls among 6 schools. How many balls does each school get? **Thank you.**
COVID MESSAGE	**CLEAN FREQUENTLY TOUCHED SURFACES WITH WATER AND SOAP OR SANITIZER**

THEME: CULTURE AND GENDER

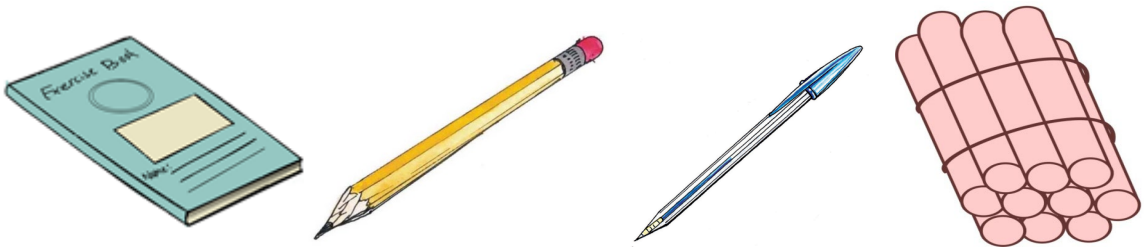
SUB-THEME: WAYS OF PROMOTING AND PRESERVING CULTURE

LESSON 3

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

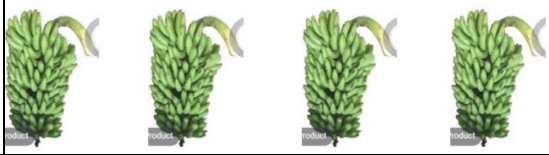
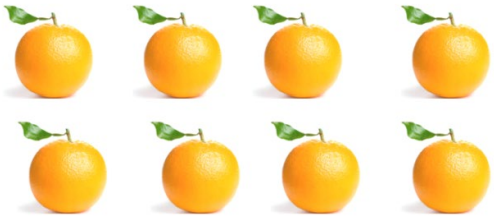


Dear learner, in this lesson we are going to;

- Draw pictographs
- Record picture graphs correctly
- Interpret information from picture graphs

HEALTH TIP: Play is good for the health but ensure you do not play near flooded rivers.

ACTIVITY	WHAT TO DO
Activity 7	**Example** The picture graph below shows the types of fruits got from trees grown in Abu's compound.

Name of tree	Number of fruits
Paw-paw	
Mango	
Avocado	
Banana	
Orange	

a). How many paw paw are there?
<u>There are six pawpaw.</u>

b). How many mangoes are there?
<u>There are seven mangoes</u>

c). Which type of tree has the least number of fruits?
<u>Avocado has the least number of trees</u>.

d). Find out the total number of fruits in Abu's compound.
<u>There are 28 fruits on Abu's compound.</u>

Activity 2

Read and complete the table.

Five girls were told to pick flowers from the garden and each picked the following.

Rose	picked	6 flowers
Jamir	picked	3 flowers
Amoti picked		2 flowers

Acham picked 5 flowers

Onyango picked 6 flowers

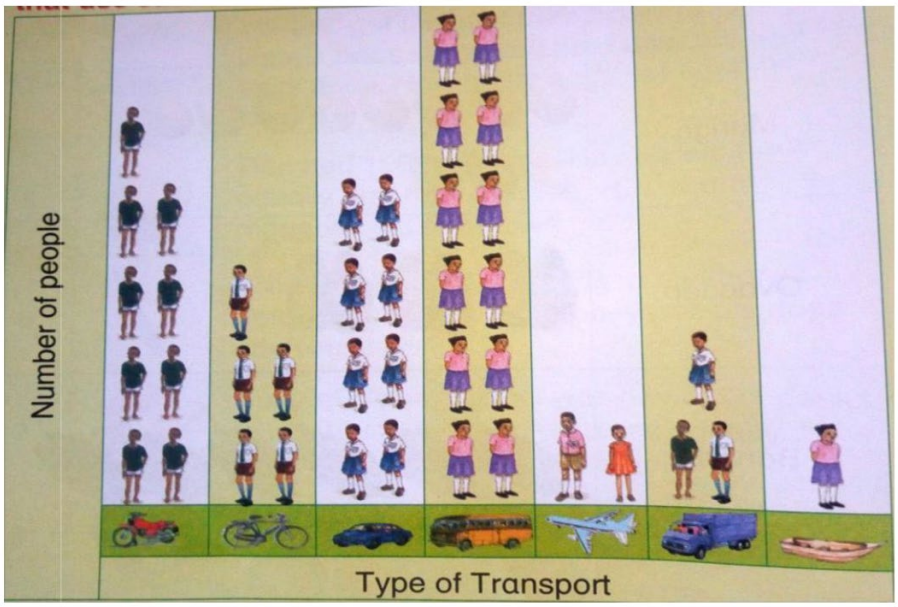
This information can be drawn on the picture graph like the one below.

Complete the drawings

Rose	
Jamir	
Amoti	
Acham	
Onyango	

Activity 3

The picture graph below shows the means of transport people use in the sub-county and the number of people that use each means.



a).How many people go by bicycle?

……

b).How many people go by car and bus?

……

	c).How many more people go by bus than by lorry? …… d).Which means of transport has the least number of people? …… e).Which means of transport has the highest number of people. **Well done**
COVID MESSAGE	**ALWAYS PUT ON A MASK WHEN MOVING AWAY FROM HOME**

THEME: HEALTH IN OUR SUB-COUNTY/DIVISION

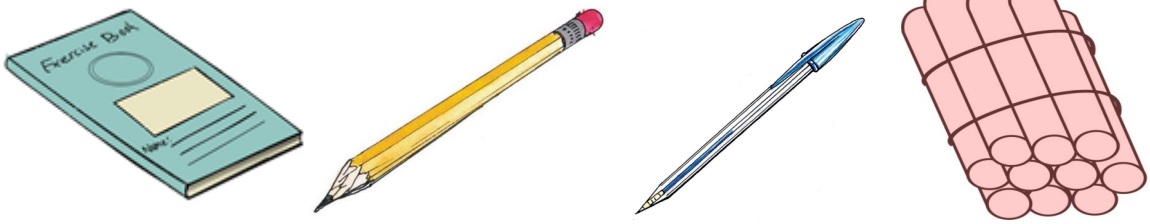
SUB-THEME: DISEASE VECTORS

LESSON: 1

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

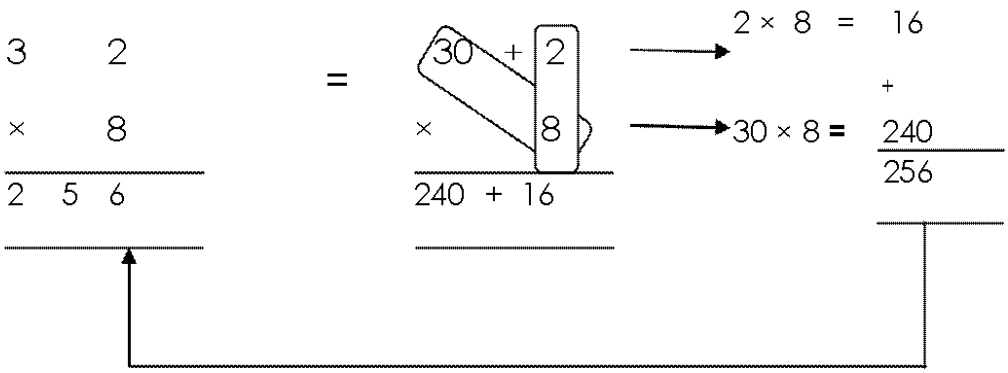
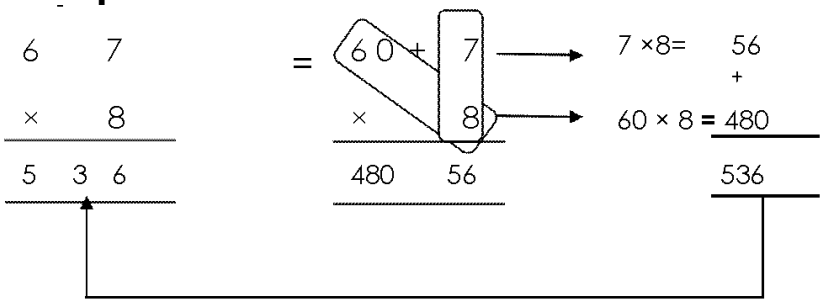


Dear learner, in this lesson we are going to;

- Recite multiplication of table 8
- Multiply 2 – digit numbers by 8
- Solve word problems related multiplication.

HEALTH TIP: **Insert pictures of throwing used tissues in the trash]**

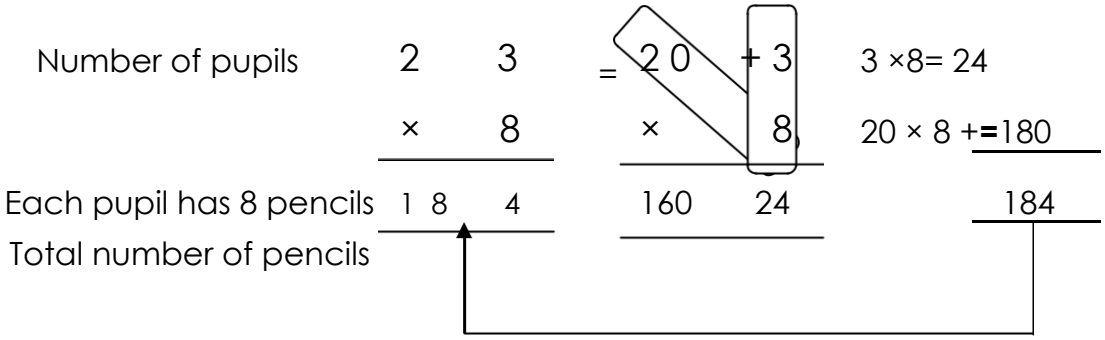
ACTIVITY	WHAT TO DO	
1	**Let us multiply**	
	8	= 1 x 8 = **8**
	8 + 8	= 2 x 8 = **16**
	8 + 8 + 8	= 3 × 8 = **24**
	8 + 8 + 8 + 8	= 4 × 8 =___
	8 + 8 + 8 + 8 + 8	= 5 × 8 =___

	8 + 8 + 8 + 8 + 8 + 8	= 6 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8	= 7 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8	= 8 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8	= 9 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8	= 10 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8	= 11 × 8 =___
	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8	= 12 × 4 =___
2	**More multiplication** **Let us multiply by 8** **Example a**  **Example 2**  **Now try these.** 1). 26 × 8 ___ 2). 40 × 8 ___ 3). 39 × 8 ___ 4). 58 × 8 ___

Activity 3 **Let us read and multiply**

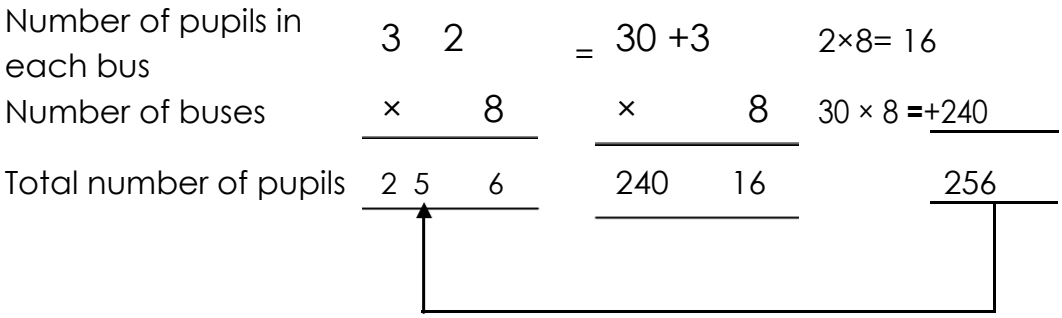
Example a

There are 23 pupils in a class. Each pupil is given 8 pencils. How many pencils will they get altogether?



They will get 1 8 4 pencils altogether

Eight buses were used to take children for a trip. Each bus carried 32 pupils. How many pupils went for the trip?



2 5 6 pupils went for the trip

Now try these

1) An exercise book has 36 pages.
How many pages do 8 exercise books have?

2) There are 8 litres of milk in a can.
How many litres of milk are there in 46 similar cans?

3) There are 8 pencils in a packet.
How many pencils are there in 25 similar packets?

Thank you

COVID MESSAGE CLEAN FREQUENTLY TOUCHED SURFACES WITH WATER AND SOAP OR SANITIZER.

THEME: HEALTH IN OUR SUB-COUNTY/DIVISION

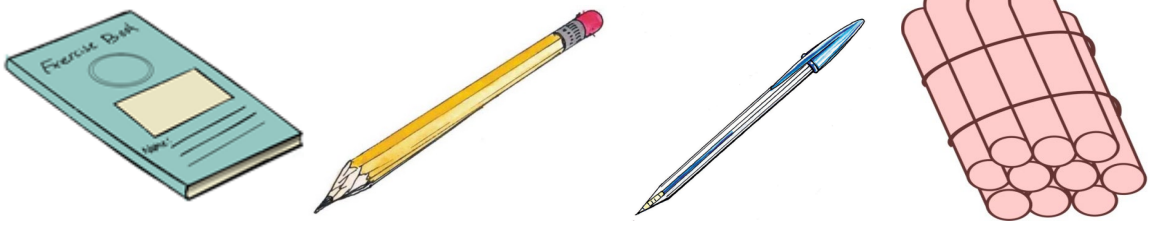
SUB-THEME: DISEASES SPREAD BY VECTORS

LESSON 2

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

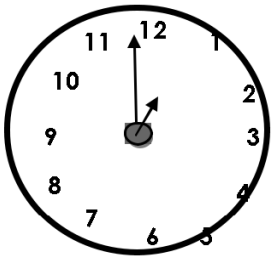
Provide the learner with these materials required for this lesson.

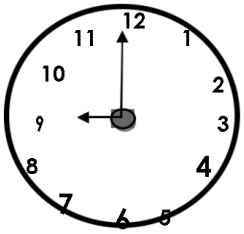
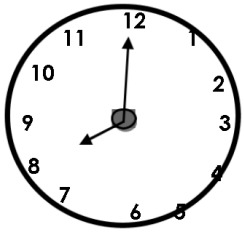
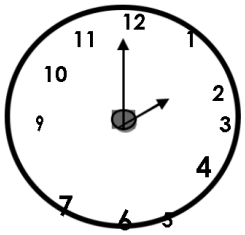
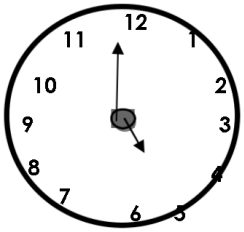


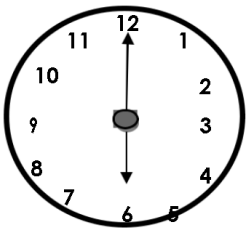
Dear learner, in this lesson we are going to;

- Tell time in hours, half hours and quarter hours
- Draw clock faces and show the given time.

HEALTH TIP: **Remember you can read and learn while at home even when schools are closed. So feel free to study from home**

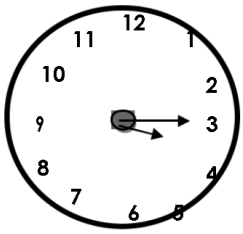
ACTIVITY	WHAT TO DO
Activity 1	**Let us tell time in hours.** **Example 1**  What is the time? It is 1 o'clock

	Example 2  It is 9 o'clock **Now try these.** **What is the time?**  It is ..... o'clock  It is ..... o'clock  It is ..... o'clock
Activity 5	**Let us tell time in half and quarter hours.** **Example 1** What is the time?



It is a half past 12 O'clock.

Note: When the long hand (minute hand) reaches 6, we say that it is a half past. The short hand will then point between two numbers

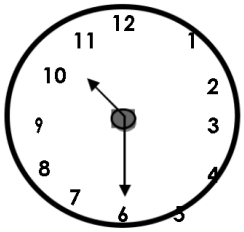


It is a quarter past 3 O'clock.

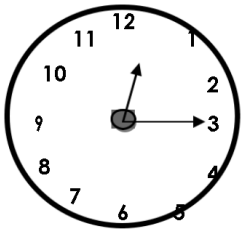
Note: When the minute hand points to 3, we say it is a quarter past or 15 past the hour.

Now try these.

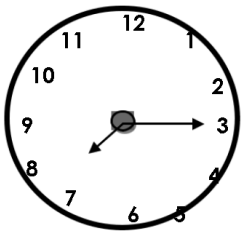
What is the time?



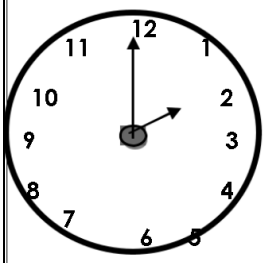
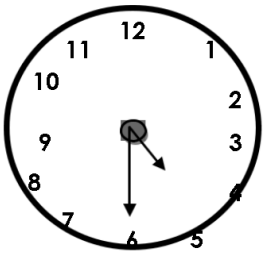
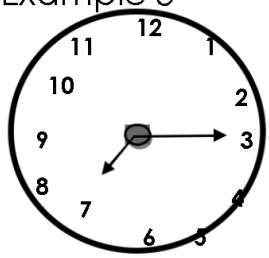
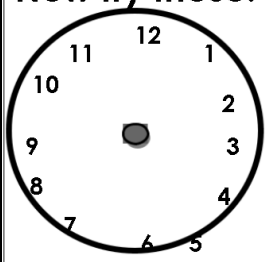
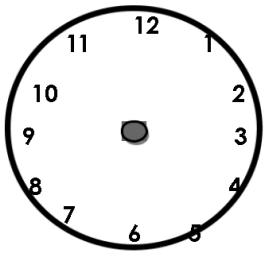
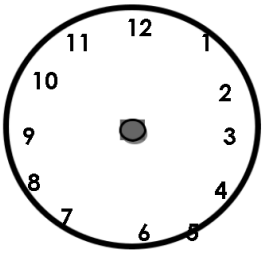
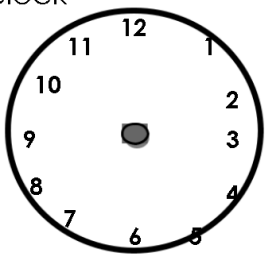
It is .....



It is .....



It is .....

Activity 3	Let us draw clock faces and show the given time. Example 1  It is 2 O'clock Example 2  It is a half past 4 O'clock. Example 3  It is a quarter past 7 O'clock. **Now try these.**  It is a half past 9 O'clock  It is a half past 5 O'clock  It is a quarter past 3 O'clock  It is a quarter past 10 O'clock **Thank you**
COVID MESSAGE	**REMEMBER TO USE A TISSUE OR YOUR ELBOW WHEN SNEEZING AND THEN THROW THE TISSUE INTO THE TRASH.**

THEME: HEALTH IN OUR SUB-COUNTY/DIVISION

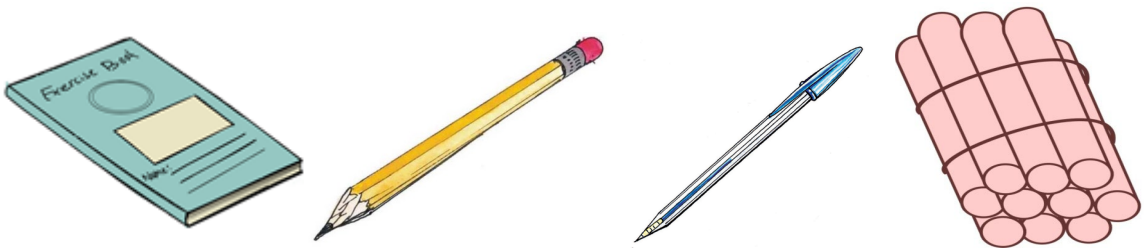
SUB-THEME: HIV/AIDS

LESSON 3

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

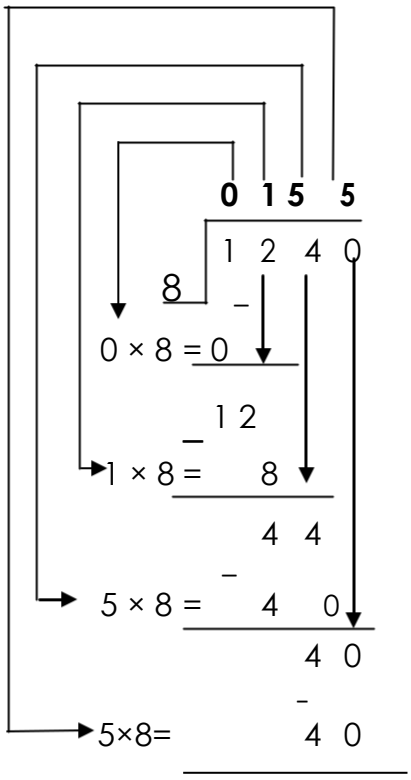


Dear learner, in this lesson we are going to;

- Divide 4-digit numbers by 8
- Solve word problems with division

HEALTH TIP: **Report any thing that hurts you to an adult you trust**

ACTIVITY	WHAT TO DO
Activity 7	**Let us divide** **Example a**



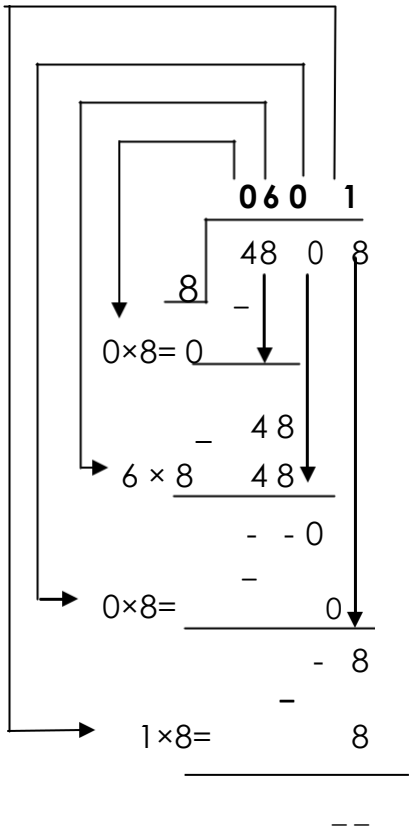
1 ÷ 8 = 0 rem 1

12 ÷ 8 = 1 rem 4

44 ÷ 8 =5 rem 4

40÷8=5

Example b



4 ÷ 8 = 0 rem 4

48÷8=6

0 ÷8=0

8÷8=1

Now try these

1). $8\overline{)7208}$ 2). $8\overline{)2424}$

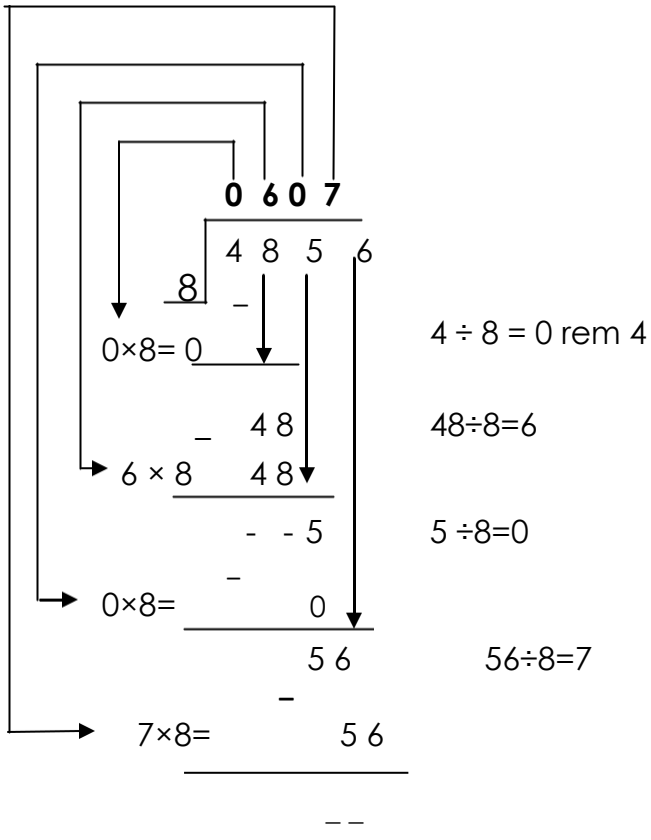
3). $8\overline{)2780}$ 4). $8\overline{)8808}$

Activity 8

Let us read and divide

Example a

Share 4856 sweets amongst 8 children.



Now try these.

1). Mr. Okot has 5520 rabbits to give equally to 8 boys. How many rabbits did each boy get?

2).160 cards were shared equally among 8 children. How many cards did each child get?

3).1288 sweets are to be shared equally among 8 Children. How many does each child get?

Thank you

COVID MESSAGE	WASH YOUR HANDS REGULARY WITH CLEAN WATER AND SOAP.

THEME: BASIC TECHNOLOGY IN OUR SUB-COUNTY/DIVISION

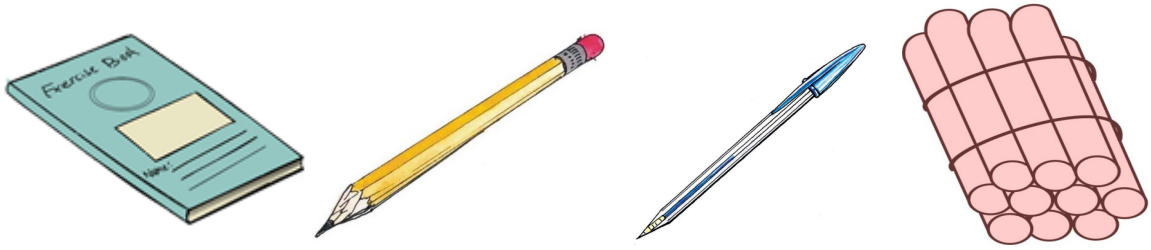
SUB-THEME: CONCEPT OF TECHNOLOGY

LESSON 1

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.



Dear learner, in this lesson we are going to;

Recite multiplication of table 9

Multiply 3-digit numbers using table 9

Solve word problems related to multiplication.

HEALTH TIP: **Remember to wash your hands regularly with clean water and soap**

ACTIVITY	WHAT TO DO
Activity 1	**Let us multiply** 9 — 1 × 9 = 9 9+9 — 2 × 9 = 18 9+9+9 — 3 × 9 = 27 9+9+9+9 — 4 × 9 = 36 9+9+9+9+9 — 5 × 9 = 45 9+9+9+9+9+9 — 6 × 9 = 54 9+9+9+9+9+9+9 — 7 × 9 = 63 9+9+9+9+9+9+9+9 — 8× 9 = ☐ 9+9+9+9+9+9+9+9+9 — 9× 9 = ☐ 9+9+9+9+9+9+9+9+9+9 — 10×9 = ☐ 9+9+9+9+9+9+9+9+9+9+9 — 11×9 = ☐ 9+9+9+9+9+9+9+9+9+9+9+9 — 12×9 = ☐
Activity 2	**Let us multiply** **Example a**

	2 3 4 × 9 21 0 6 **Ones** 4 × 9 = 36 write 6 carry 3 **Tens** 3 × 9 = 27 Add the carried number.27+3=30.Write 0 carry 3. **Hundreds** 2 × 9 = 18 Add the carried number 3+18 = 21 234 × 9 =2106

Example b

4 5 1 × 9 40 5 9 **Ones** 1× 9 = 9 write 9 **Tens** 5 × 9 = 45 write 5 carry 4. **Hundreds** 4×9=36+4=40 451×9=4059

Now try these.

1).
3 4 1
× 9

2).
2 4 3
× 9

	3). 34 6 × 9 _____ 4). 2 4 4 × 9 _____
Activity 3	**Let us read and workout.** **Example 1** Multiply three hundred by nine. 3 0 0 × 9 27 0 0 **Ones** 0×9=0 **Tens** 0×9=0 **Example 2** One sack of rice weighs 112kg.What is the weight of 9 similar sacks? 1 1 2 × 9 1008 **Ones** 2 × 9= 18 write 8 carry 1 **Tens** 1 × 9= 9 add the carried number 9+1=10 write 0 carry 1 **Hundreds** 1 × 9=9+1=10 112×9=1008

	Now try these: 1).Multiply four hundred eleven by nine. 2).There are two hundred fifteen families in our sub-county. If each family has 9 members, how many people are in sub-county? 3).There are 245 fish in each pond. If there are 9 ponds, how much fish is there altogether? **Thank you**
COVID MESSAGE	**AVOID TOUCHING YOUR SOFT PARTS I.E. NOSE MOUTH, AND EYES TO AVOID GETTING INFECTED WITH COVID-19**

THEME: BASIC TECHNOLOGY IN OUR SUB-COUNTY/DIVISION

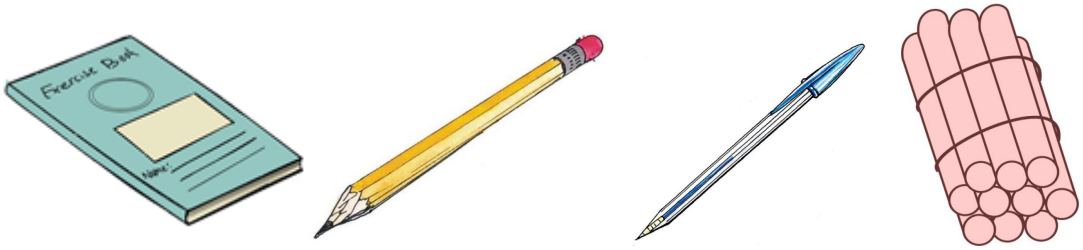
SUB-THEME: PROCESSING AND MAKING THINGS FROM NATURAL MATERIALS

LESSON: 2

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.



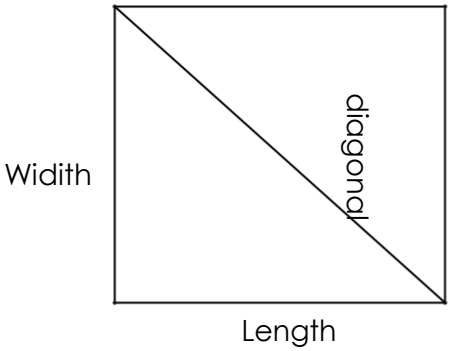
Dear learner, in this lesson we are going to;

- Name sides, base, height and diagonal of simple shapes.
- Measure perimeter and area of shapes.
- Solve word problems about perimeter and area

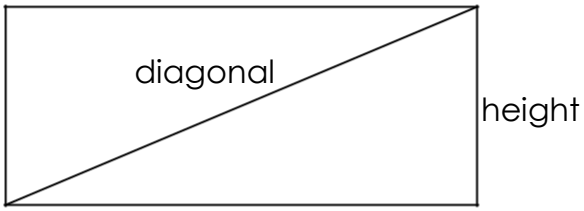
HEALTH TIP: **Always cover on your food and keep it in a clean place**

ACTIVITY WHAT TO DO

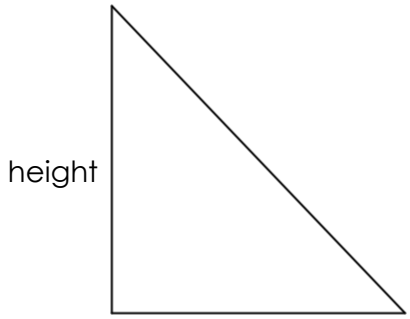
Activity 4



Square
Has all sides equal.



Rectangle
Opposite sides are equal.



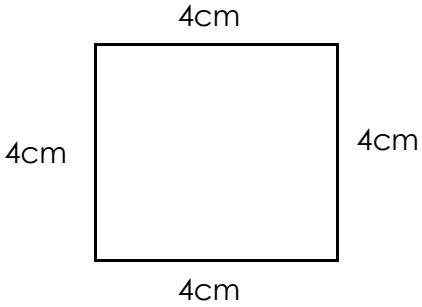
Triangle
Has three sides.

Activity 5 **Let us measure perimeter of shapes.**

Perimeter is the distance around the shape/figure.

Example

a).Find the perimeter of the figure below:

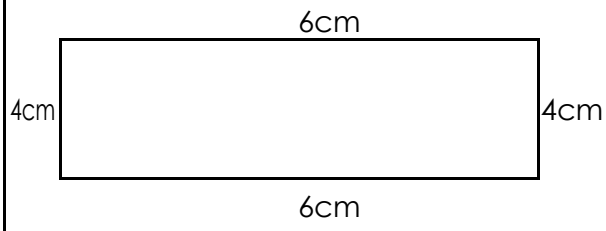


Square

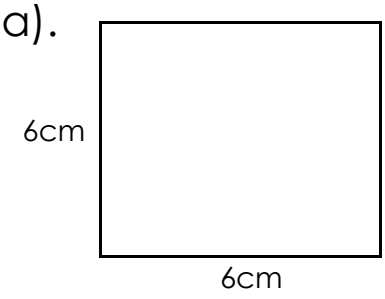
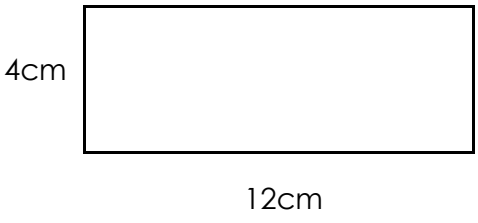
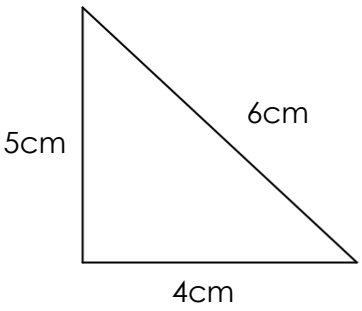
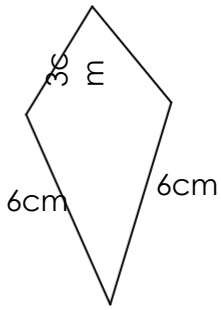
P=S+S+S+S

=4+4+4+4

P= 16 cm

b).Find the perimeter of the shape below.  	Rectangle P=side+side+side+side = 6+4+6+4 P=20cm

Now try these numbers
Find the perimeter of the figures below.

a).  	b). 
c).  	d). 

Activity 6 Let us find area by counting squares.

Examples

a).

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

There are 12 squares.

Its area is 12 square units.

b).

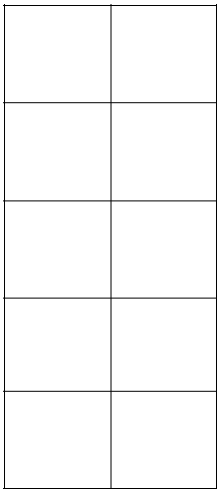
1	2	3	4	5
6	7	8	9	10

How many squares are in the rectangle? There are 10 squares. Its area is 10 square units.

Find the area by counting the squares.

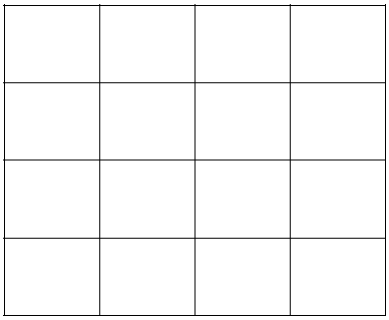
How many small squares are in this square?

.....



How many small squares are in this rectangle?

.....



How many small squares are in this square?

.....

Thank you

COVID MESSAGE

KEEP SOCIAL DISTANCE

THEME: BASIC TECHINOLOGY IN OUR SUB-COUNTY

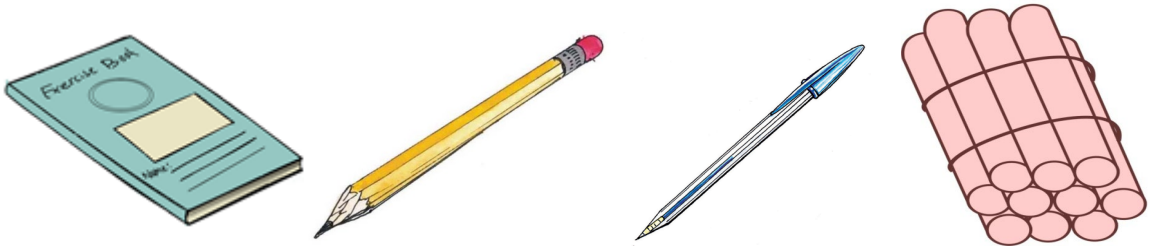
SUB-THEME: MAKING THINGS FROM ARTIFICIAL MATERIALS

LESSON 3

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.

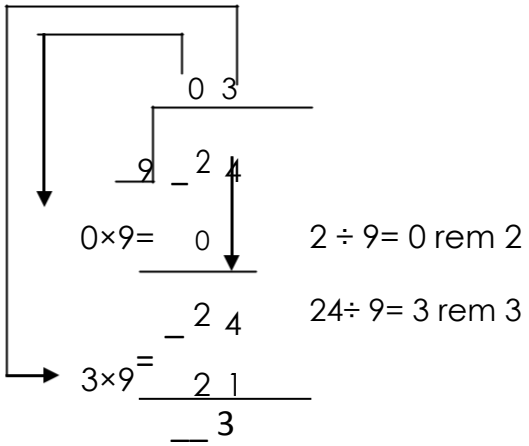


Dear learner, in this lesson we are going to;

- Divide 3-digit numbers by 9
- Solve word problems related to division

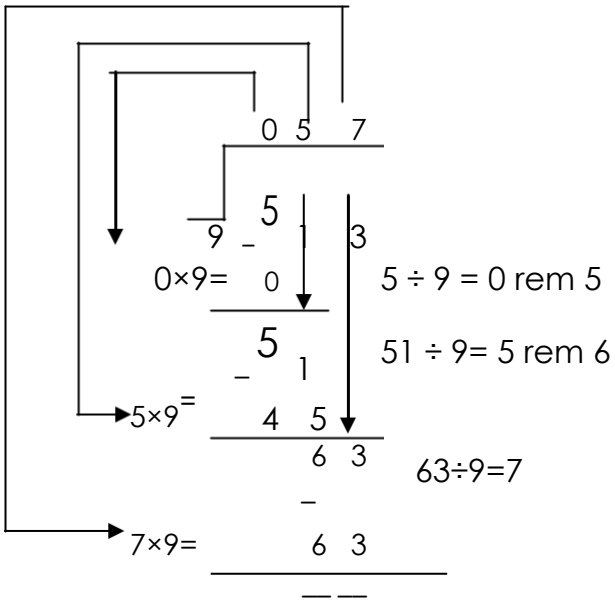
HEALTH TIP: **Learn to say " I am sorry" whenever you make a mistake.**

ACTIVITY	**WHAT TO DO**
Activity 1	**Let us divide** **Example a**



24 ÷ 9 = 3 remainder 3

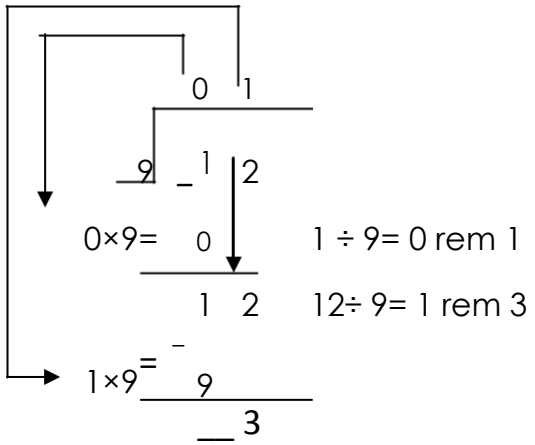
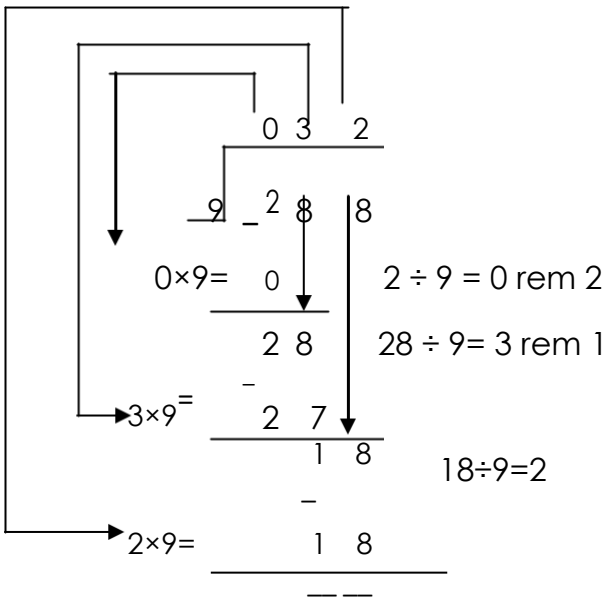
Example b



513÷9=57

Now try these
Divide

a). $9\overline{)180}$ b). $9\overline{)171}$ c). $9\overline{)491}$

	d). $9\overline{)877}$ e). $9\overline{)563}$ f). $9\overline{)611}$
Activity 8	**Let us read and workout** **Example a** Divide twelve by nine  0 1 9 _ 1 2 0×9= 0 1 ÷ 9= 0 rem 1 1 2 12÷ 9= 1 rem 3 1×9= 9 3 **<u>12 ÷ 9 = 1 rem 3</u>** **Example 2** In a box, there are two hundred eighty eight pencils. If these pencils are shared equally among 9 children. How many pencils does each get?  0 3 2 9 _ 2 8 8 0×9= 0 2 ÷ 9 = 0 rem 2 2 8 28 ÷ 9= 3 rem 1 3×9= 2 7 1 8 18÷9=2 2×9= 1 8

	Now try these **a).**Divide 1 2 4 by nine **b).**9 schools were given a prize of 180 crates of soda. How many crates of soda did each school get? **c).**Mudde got 54 eggs from his farm. If each hen laid 9 eggs, how many hens does he have? **Thank you**
COVID MESSAGE	**AVOID CLOSE CONTACT WITH PEOPLE WHO ARE SICK EVEN INSIDE YOUR HOME.**

THEME: ENERGY IN OUR SUB-COUNTY DIVISION

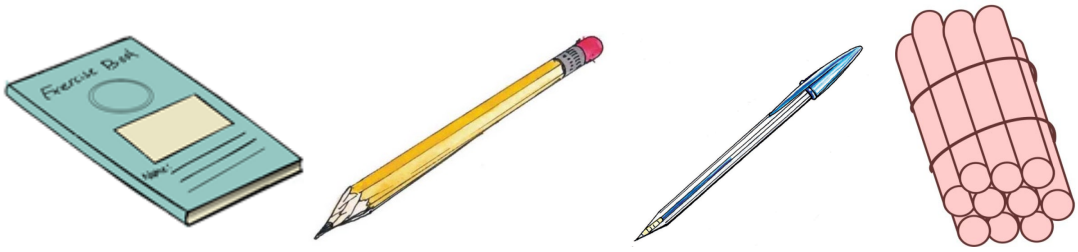
SUB-THEME: SOURCES OF ENERGY

LESSON 1

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.



Dear learner, in this lesson we are going to;

- Add 4-digit numbers without and with carrying.
- Subtract 4-digit numbers with and without borrowing.
- Solve word problems related to addition and subtraction

HEALTH TIP: **Avoid moving away from home at night**

ACTIVITY	WHAT TO DO
Activity 1	Let us add Example a

Th	H	T	O	
1	4	1	3	**Add ones 3 + 0 = 3**
+1	2	3	0	**Then Tens 1 + 3 = 4**
2	**6**	**4**	**3**	**Then Hundreds 4 + 2 = 6** **Then Thousands 1 + 1 = 2**

Example 2

Th	H	T	O
1	1 8	1 7	6
+2	5	4	5
4	**4**	**2**	**1**

Add ones 6+5=11 Write 1 under ones and carry 1 to tens

Then add tens 1+7+4=12Write 2 under tens carry 1 to hundreds

Then add hundreds 1+8+5=14. Write 4 under hundreds carry 1 to thousands.

Then add thousands 1+1+2=4. Write 4 under thousands.

Now try these

a). 2 1 4 3
+2 1 1 4

b). 4 2 3 2
+4 3 2 2

c). 1 6 8 4
+1 4 6 9

d). 2 6 8 7
+3 1 5 5

Activity 2

Let us take away.

Example a

Th	H	T	O
6	3	9	4
- 4	1	0	3
2	**2**	**9**	**1**

Begin with ones 4 – 3 = 1

Subtract the Tens 9 – 0 = 9

Then hundreds 3 – 1 = 2

Then thousands 6 – 4 = 2

Example b

Th	H	T	O
	5	1	1
	~~5~~	~~1~~	~~5~~
	6	6	3
-1	2	9	5
4	**3**	**6**	**8**

First subtract ones 3-5 = (not possible)

Take 1 ten from tens place remain with 5 tens. Add 1 ten to ones = 10+3 = 13 and 13-5=8.

You have 5 tens. Now subtract 9 from 5.5-9= (not possible) Take 1 hundred from hundreds and remain with 5 hundreds. Add 1 hundred to 5 tens 10+5 =5 and therefore 15-9=6.

You have 5 hundreds. Now take away 2 hundred from 5 .5 – 2 =3

Now subtract thousands 5 – 1 =4

Now try these.

a). 3 6 6 4
- 1 4 5 3

b). 5 5 3 1
- 3 2 2 0

c). 5 8 6 0
- 3 6 4 0

d). 9 6 9 1
- 8 7 8 9

Activity 3	**Let us read and work out** **Example 1** A train carried 20 children and 125 adults. How

	many people did if carry Number of adults 1 2 5 Number of children + 2 0 **1 4 5** **The train carried 1 4 5 people** **Example 2** Remove 35 from 124 1 11 2 14 4 - 3 5 **8 9** **Now try these:** **a).**Take away 53 from 91 **b).**What is left when I remove 116 from 423? **c).**A boy did 400 numbers and failed 130 numbers. How many numbers did he get correct? **Well done**
COVID MESSAGE	**AVOID CLOSE CONTACT WITH PEOPLE WHO ARE SICK EVEN INSIDE YOUR HOME.**

THEME: ENERGY IN OUR SUB-COUNTY

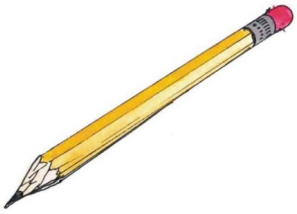
SUB-THEME: WAYS OF SAVING ENERGY

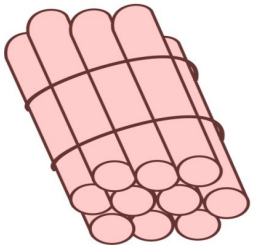
LESSON: 2

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.





Dear learner, in this lesson we are going to;

Multiply 4-digit numbers by 1,2,3,4 and 5 with product not exceeding 9999.

Solve word problems related to multiplication

Healthy Tip: **Report anything that hurts you to an adult you trust**

ACTIVITY	WHAT TO DO	
Activity 4	Example a Let us multiply. Th H T O 4 5 6 2 × 2 **9 1 2 4**	-First multiply ones 2 × 2 = 4 -Then the tens 6 × 2 = 12.Write 2 under tens then carry 1 to hundreds. -Then multiply hundreds 5 × 2 =10 + 1 = 11.Write 1 under hundreds and carry 1 to thousand. -Now multiply thousands 4 × 2

Therefore 4 5 6 2 × 2 = 9 1 2 4

Example 2

Th	H	T	O
3	0	2 0	9
×			3
9	**0**	**2**	**7**

- First multiply ones 9 × 3 =27.Write 7 under ones and carry 2 to tens.
- Then multiply tens
  0 × 3=0+2=2
  Then multiply hundreds
  0 ×3=0
  Then multiply thousands
  3 ×3=9

Therefore 3009 × 3 = 9027

Now try these

1).

4	4	5	6
×			2

2).

4	5	6	8
×			2

3).

3	3	2	4
×			3

4).

2	0	8	8
×			3

Activity 5

More multiplication

Let us multiply by 4 and 5

Th	H	T	O
2	3	0	7
×			4
9	**2**	**2**	**8**

O 7 × 4 = 28 write 2 carry 8

T 0×4=0+2=2

H 3 × 4 = 12 write 2 carry 1

Th 2 × 4 = 8 + 1 = 9

	Th H T O 1 1 5 6 × 5 **5 7 8 0** **0** 6 × 5 = 30 write 0 carry 3 **T** 5 × 5 = 25 + 3 = 28 write 8 carry 2 **H** 1×5=5+2=7 **Th** 1 × 5 = 5 **Now try these** 1 1 3 2 × 4 2 0 1 2 × 4 1 2 1 0 × 5 1 2 0 5 × 5
Activity 6	**Let us read and work out.** A stool has four legs. How many legs has 12 stools? T O 1 2 × 4 4 8 0 2×4=8 T 1×4=4 A family uses 28 litres of milk a week. How many litres of milk will the family use in 4

	weeks? T O 2 8 × 4 1 1 2 Ones 8 × 4 = 32.Write 2 carry 3 Tens 2×4=8+3=11 **Now try these** **1).** Our pupils use 245kg of in millet a day. How many kilograms of millet do they use in 4 days? **2).**A car has 4 wheels. How many wheels are there on 20 cars. **3).**A machine can grind 112kg of groundnuts a day.How many kilograms of groundnuts does it grind in 4 days? **Thank you**
COVID MESSAGE	**[Clean and disinfect frequently touched surfaces daily]**

THEME: ENERGY

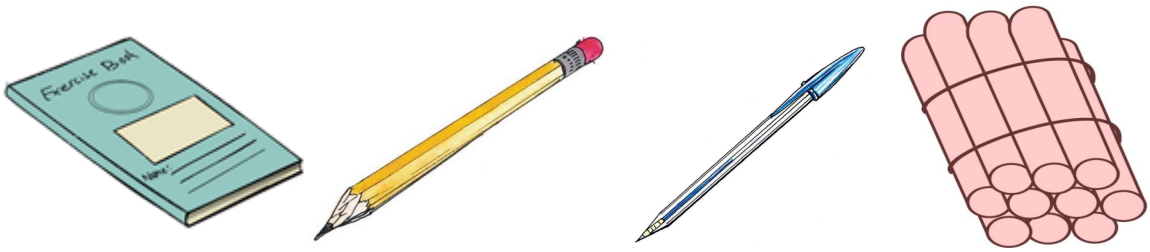
SUB-THEME: DANGERS OF ENERGY AND WAYS OF AVOIDING THEM

LESSON 3:

Hello, you are welcome to this lesson.

Dear parent/guardian/sibling help the learner get space for doing this activity.

Provide the learner with these materials required for this lesson.



Dear learner, in this lesson we are going to;

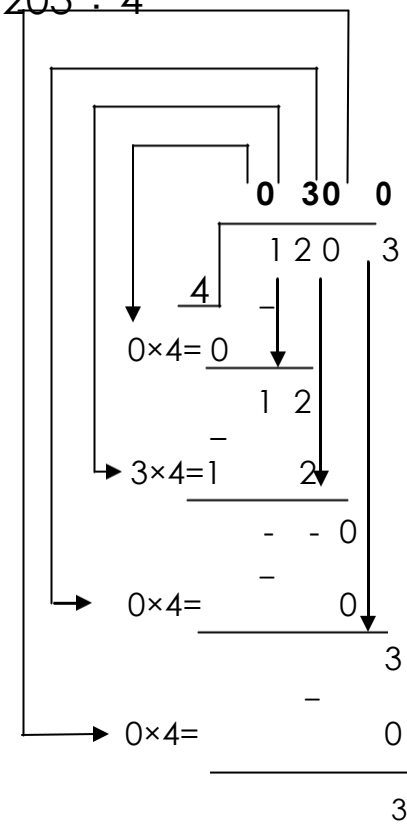
- Divide 4-digit number by 4 with and without a remainder.
- Solve word problem related to division

HEALTH TIP: **Remember to wash your hands regularly with clean water and soap**

ACTIVITY	WHAT TO DO
Activity 7	Let us divide by 4 and by 5 without a remainder.

Activity 8	**Let us divide by 4 and 5 with a remainder.** **Example 1**

1203 ÷ 4



1 ÷ 4 = 0 rem 1

12÷4=3

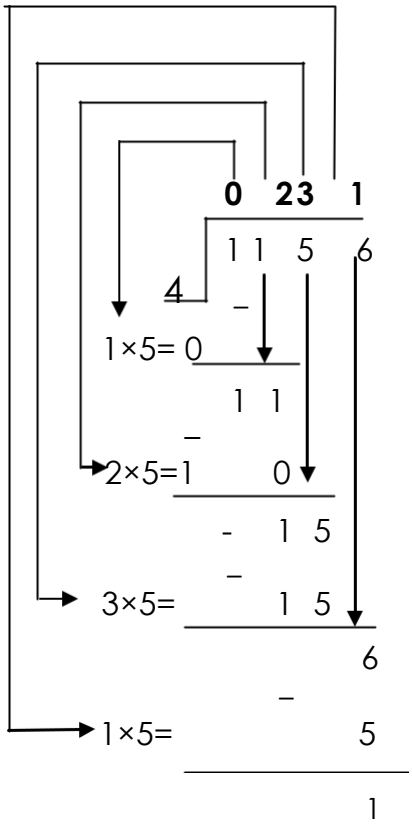
0÷4=0

3 ÷ 4= 0 rem 3

Therefore 1203 ÷ 4 = 300 remainder 3

Example 2

1156 ÷ 5



1 ÷ 5 = 0 rem 1

11÷ 5= 2 rem 1

15÷5=3

6 ÷ 5= 1 rem 1

Now try these

a). 9700 ÷ 4 =

b). 5646 ÷ 4 =

c). 4532 ÷ 5 =

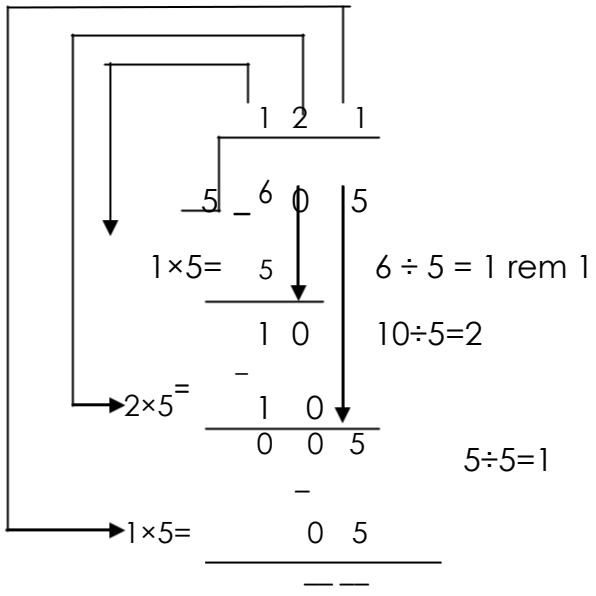
d). 2985 ÷ 5 =

Activity 9

Let us read and work out.

Example

A box contains 605 pencils to be shared among 5 children. How many pencils does each child get?



Now try these.

1).Dan had 1 2 4 mangoes. He shared them equally among 7 children. How many mangoes did each child get?

2).5 schools were given 180 crates of soda to be shared equally, how many did each school get?

Thank you

COVID MESSAGE

AVOID CROWDED PLACES

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NATIONAL CURRICULUM
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National Curriculum
Development Centre,
P.O. Box 7002,
Kampala.

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