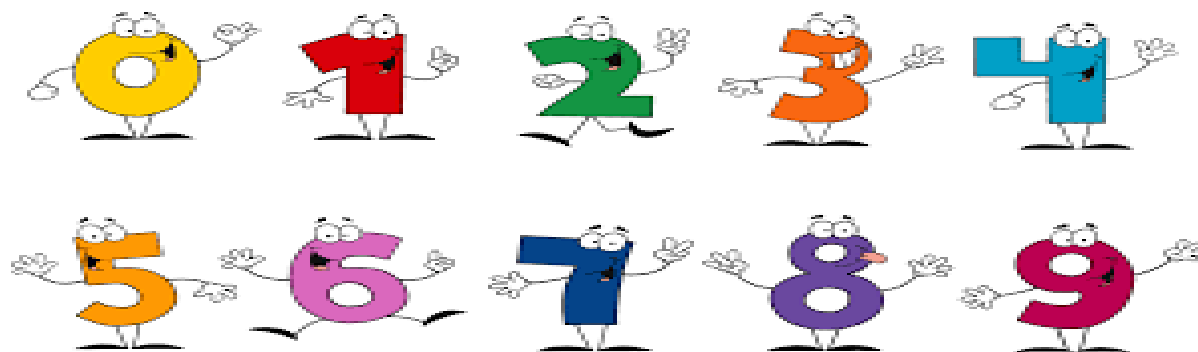




पुर्णा International School
Shree Swaminarayan Gurukul, Zundal

Grade - II
Math
Study material
Summer vacation
work
Year 2022 - 23



Index

Sr. No.	Chapter	Title	Pg. No.
1	Ch.- 1	<i>What is Long and what is Round</i>	2 - 6
2	Ch.-2	<i>Counting in groups</i>	7 - 11
3	Ch.-3	<i>How much you carry</i>	13 - 15
4	Ch.-4	<i>Counting in tens</i>	16 - 20



Photograph of student

I am _____.

I study in class _____.

I am ___ years old .

There are _____ pages in my Math's text book.

There are ___ members in my family.

There are ___ students in my class .

Chap - 1

What is Long and what is Round

❖ *Summary*

- I. Identify long and round object*
- II. What rolls what slides*
- III. Identify which object can roll and which can slides*
- IV. Things can form a tower*

Ex.1 Draw a long and a round object.



Here -

Ball is a round object

Hockey stick is a long object.

Ex.2 What rolls and What slides.

- The **object** which has a curved surface that is all circular **objects can roll**. Examples: Ball, lemon, orange, apple, football, etc.



- The **object** which has a flat surface **can slide**. Example: Rubber, laptop, bat, duster, book, plate, ruler etc.










































Ex.3 Draw the objects that can rolls and slides both.

Example – pencil , Markers, coins, bowl, wheels, pen



Activity : (h.w.)

Colour the Smily for correct option.

ROLL 	SLIDE 	Stack 
  	  	  
  	  	  
  	  	  
  	  	  

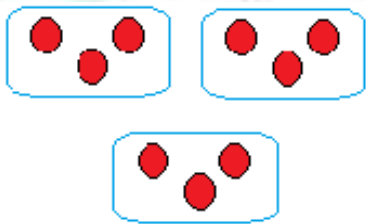
Chap -2

Counting in groups

❖ Summary

- I. Count the given objects
- II. Counting in groups
- III. Less than and more than
- IV. Missing numbers
- V. Ordinal numbers
- VI. Ascending and descending order

Ex 1. Count the given object.



9 cherries



16 smilies



8 stars

Ex 2. Counting in tens.

a) a) How many groups are there? 2



b) How many faces are there in each group? 8

c) Total number of faces ? $2 \times 8 = 16$

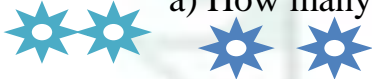
b) a) How many groups are there? 3



b) How many hearts are there in each group? 10

c) Total number of heart shapes? $3 \times 10 = 30$

c) a) How many groups are there? 3



b) How many flowers are there in each group? 4

c) Total number of flowers? $3 \times 4 = 12$

Ex3. Put the correct signs (>, <, =) in the blanks.

a	435	<	873	f	983	>	732
b	161	>	116	g	198	<	918
c	538	>	456	h	811	>	462
d	343	=	343	i	177	<	771
e	122	<	197	j	110	>	101

Ex.4 Find out the missing numbers.

a	345	346	347	f	879	880	881
b	678	679	680	g	555	556	557
c	432	433	434	h	122	123	124
d	233	234	235	i	985	986	987
e	254	255	256	j	786	787	788

Ex.5 Write ordinal numbers.

1st = first

2nd = second

3rd = third

4th = fourth

5th = fifth

6th = sixth

7th = seventh

8th = eighth

9th = ninth

10th = tenth

Ex. 6 Colour the shapes as followed instruction.

a. Colour the fifth heart.



b. Colour the eighth square.



c. Colour the second star



d. Colour the sixth circle.



e. Colour the tenth triangle.



Ex.7 Arrange the following in ascending order.

1) 44, 85, 88, 78.

Ans.44, 78, 85, 88.

2) 102,34 , 61,21.

Ans.34, 21, 61,102

3) 49, 14, 25 , 72.

Ans.14, 25, 49, 72

4) 67 ,45 ,97 , 126.

Ans.45, 67, 97,126

5) 32, 30, 23, 15.

Ans.15, 23, 30, 32

Ex6. Arrange the following numbers in descending order.

1)81, 49, 76, 93.

Ans.93, 81, 76,49

2) 40, 23 , 21, 85.

Ans.85, 40, 23, 20.

3)21, 89 ,56, 53.

Ans.89,56, 53, 21.

4) 59, 82 , 129 , 74.

Ans.129, 82, 74,59.

5) 539, 225, 352, 996.

Ans.996, 539, 352,225.

Activity(h.w.)

❖ Find the position of given alphabets

Example :- **TEACHER**

- I. Position of word ' A ' = 3rd
- II. Position of word ' E ' = 6th
- III. Position of word ' T ' = 1st
- IV. Position of word ' C ' = 4th
- V. Position of word ' H ' = 5th
- VI. Write the 7th alphabet = " R "

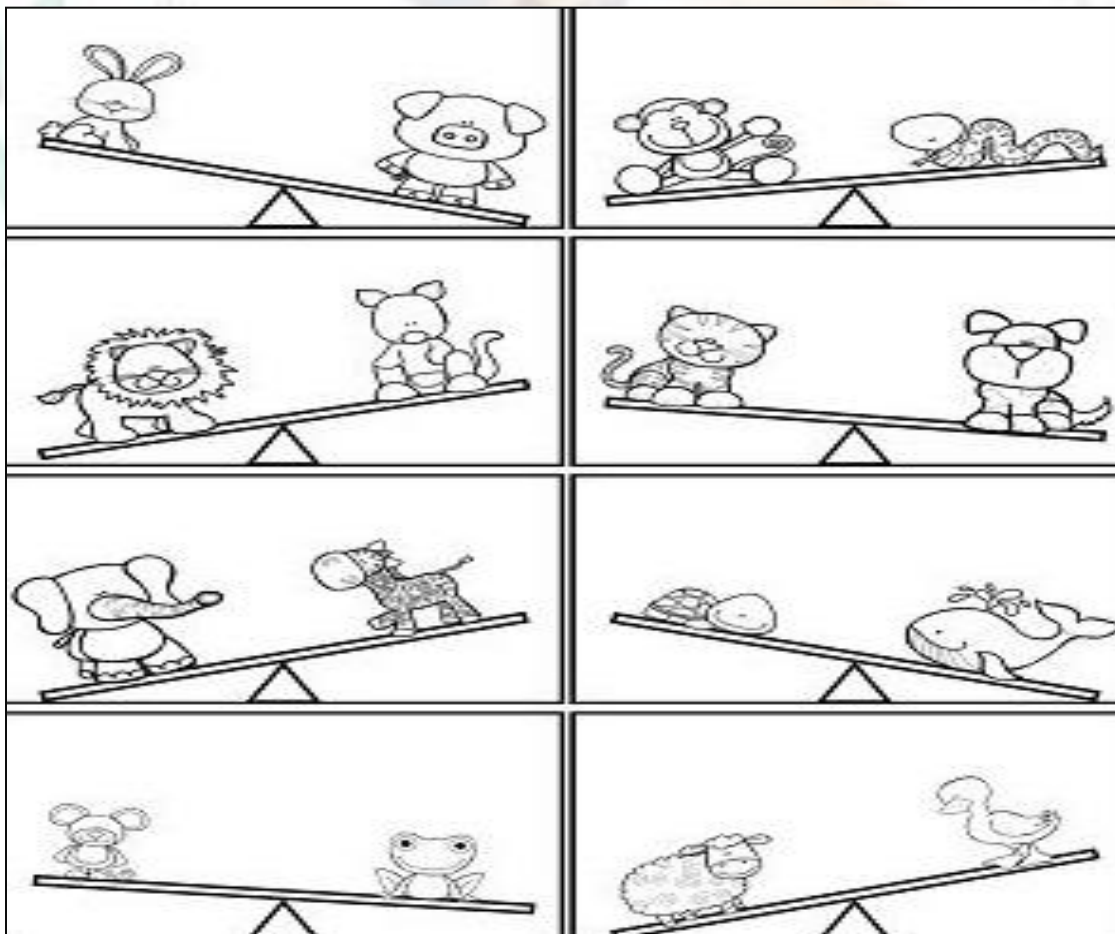
Chap 3

How much you carry

❖ Summary

- I. Identify heavier or lighter
- II. Units of weights
- III. Addition and subtraction of weights

Ex.1 Circle the heavier object. (pasting)



Ex .2 Units of weight.

We measure the quantity of solid in grams and kilograms.

Example :Rice , wheat , vegetable , fruits etc.

$$1 \text{ Kilogram} = 1000 \text{ gram}$$

$$\text{Or} \quad 1 \text{ Kg} = 1000 \text{ g.}$$



Ex.3 Addition of weighs

Kg	g.	Kg	g.	Kg	g.
5	300	3	700	6	500
+ 4	250	+ 2	200	+ 1	150
9	550	5	900	7	650

Kg	g.	Kg	g.	Kg	g.
13	000	15	200	18	500
+ 3	500	+ 10	500	+ 2	250
16	500	25	700	20	750

Ex4.Subtraction of weighs.

Kg g	Kg g	Kg g
5 560	7 200	3 450
- 3 300	- 2 100	- 2 300
2 260	5 100	1 150

Kg g	Kg g	Kg g
6 750	9 400	8 800
- 3 200	- 6 100	- 2 700
3 550	3 300	6 100

Activity : (h.w.)

➤ Choose and write the options , which they can carry .

(a man , a sugar cube , a leaf , logs , carriage , fish , sack of rice .)

An ant - a sugar cube

A camel - all the things

An elephant - all the things

A dog - a sugar cube , a leaf , fish .

A bird - a sugar cube , a leaf , fish .

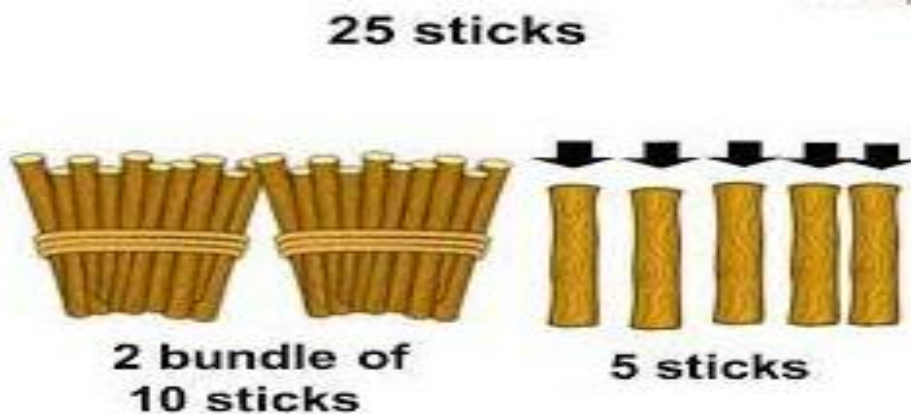
Chap 4

Counting in tens

❖ Summary

- I. Explain- what is tens and ones
- II. Identify as Tens and ones and write in expanded form
- III. Counting in tens
- IV. Addition of two digit numbers
- V. Addition with carry
- VI. Subtraction of two digits
- VII. Subtraction with borrowing

EX1 .What is tens and ones.



2 bundles of 10 sticks = 2 tens

5 loose sticks = 5ones

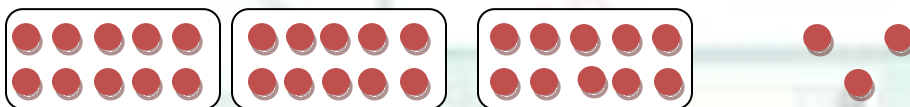
Ex 2. Identify as Tens and ones and write in expanded form .

a.	55	=	5 tens	+	5 ones
	50	+	5	=	55
b.	78	=	7 tens	+	8 ones
	70	+	8	=	78
c.	83	=	8tens	+	3 ones
	80	+	3	=	83
d.	17	=	1tens	+	7 ones
	10	+	7	=	17
e.	30	=	3tens	+	0 ones
	30	+	0	=	30

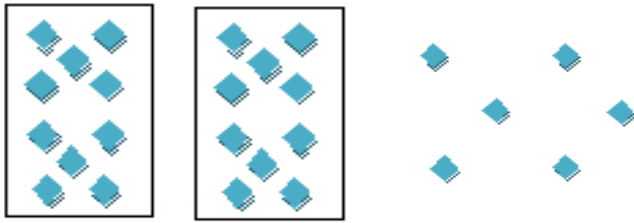
Ex.3 Counting in tens



$$10 + 10 + 10 + 10 + 5 = 45$$



$$10 + 10 + 10 + 3 = 33$$



$$10 + 10 + 6 = 26$$



$$10 + 10 + 10 = 30$$

Ex. 4 Addition of two digits.

+ 23 34	+ 56 43	+ 21 50	+ 64 24
57	99	71	88

+ 80 14	+ 12 66	+ 73 23	+ 46 22
94	78	96	68

EX.5 Addition with carry.

① 77 + 46	① 38 + 17	① 55 + 26	① 64 + 26	① 25 + 75
123	55	81	90	100

①	①	①	①	①
45	69	35	26	85
+ 37	+ 24	+ 46	+ 57	+ 16
82	93	81	73	101

Ex.6 Subtraction of two digits

69	94	87	53	67
- 63	- 63	- 34	- 11	- 21
06	31	53	42	46

96	89	79	55	66
- 44	- 23	- 47	- 12	- 41
52	66	32	23	52

Ex.7 Subtraction with borrowing.

$$\begin{array}{r}
 2 \\
 1) \quad \overset{1}{3} 13 \\
 - \quad 1 \quad 5 \\
 \hline
 1 \quad 8
 \end{array}$$

$$\begin{array}{r}
 2 \\
 2) \quad \overset{1}{3} 12 \\
 - \quad 1 \quad 4 \\
 \hline
 1 \quad 8
 \end{array}$$

$$\begin{array}{r}
 1 \\
 3) \quad \overset{1}{2} 14 \\
 - \quad 1 \quad 5 \\
 \hline
 0 \quad 9
 \end{array}$$

$$\begin{array}{r}
 1 \\
 4) \quad \overset{1}{2} 10 \\
 - \quad 1 \quad 3 \\
 \hline
 0 \quad 7
 \end{array}$$

$$\begin{array}{r}
 2 \\
 5) \quad \overset{1}{3} 13 \\
 - \quad 1 \quad 5 \\
 \hline
 1 \quad 8
 \end{array}$$

$$\begin{array}{r}
 3 \\
 6) \quad \overset{1}{4} 13 \\
 - \quad 2 \quad 6 \\
 \hline
 1 \quad 7
 \end{array}$$

$$\begin{array}{r} 3 \\ 7) \quad 4 \quad ^1 2 \\ - \quad 2 \quad 5 \\ \hline 1 \quad 7 \end{array}$$

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

$$\begin{array}{r} 4 \\ 9) \quad 5 \quad ^1 2 \\ - \quad 1 \quad 5 \\ \hline 3 \quad 7 \end{array}$$

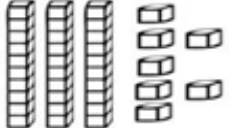
$$\begin{array}{r} 3 \\ 10) \quad 4 \quad ^1 0 \\ - \quad 2 \quad 4 \\ \hline 1 \quad 6 \end{array}$$

$$\begin{array}{r} 4 \\ 11) \quad 5 \quad ^1 3 \\ - \quad 1 \quad 7 \\ \hline 3 \quad 6 \end{array}$$

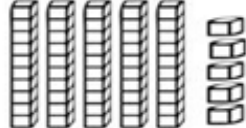
$$\begin{array}{r} 3 \\ 12) \quad 4 \quad ^1 6 \\ - \quad 2 \quad 9 \\ \hline 1 \quad 7 \end{array}$$

➤ *Activity :*

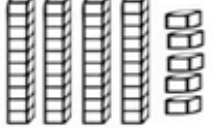
Counting in tens *(pasting)*

1. 

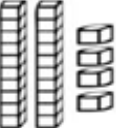
tens	ones
3	7

2. 

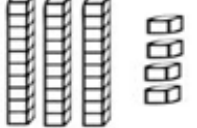
tens	ones
5	5

3. 

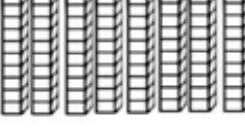
tens	ones
4	5

4. 

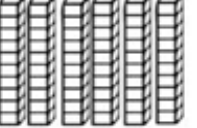
tens	ones
2	4

5. 

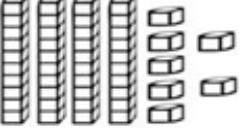
tens	ones
3	4

6. 

tens	ones
8	0

7. 

tens	ones
6	0

8. 

tens	ones
4	7

