



पुर्णमा International School
Shree Swaminarayan Gurukul, Zundal

Grade -1

Maths

Study material

Summer vacation

work

Year 22-23

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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 .

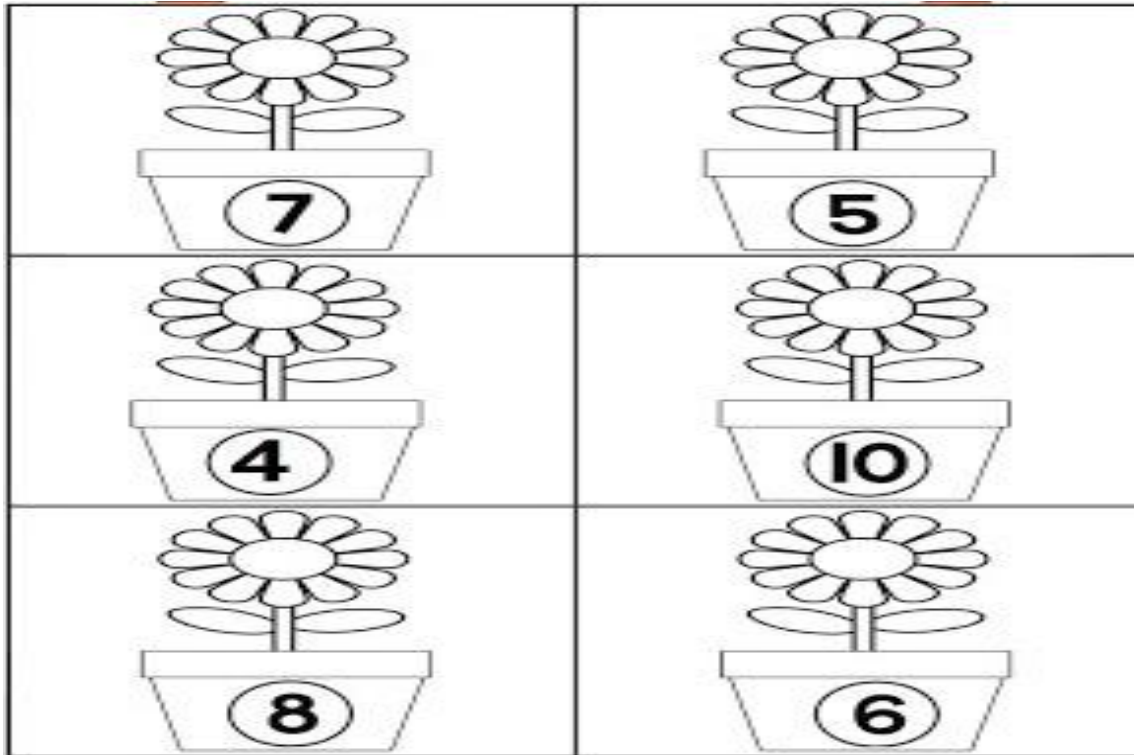
Chapter-2

Numbers from One to Nine

Key points :-

- 1. Count the flower petals*
- 2. Write numbers from 1 to 100 in figures.*
- 3. Write backward numbers from 100 to 1.*
- 4. Numbers in words.*
- 5. Write before - after numbers.*
- 6. Write missing numbers.*

EX.1 Count the flower petals.



Ex.2 Write numbers from 1 to 100 in figures.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	75	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Ex.3 Write backward numbers from 100 to 1

100	90	80	70	60	50	40	30	20	10
99	89	79	69	59	49	39	29	19	9
98	88	78	68	58	48	38	28	18	8
97	87	77	67	57	47	37	27	17	7
96	86	76	66	56	46	36	26	16	6
95	85	75	65	55	45	35	25	15	5
94	84	74	64	54	44	34	24	14	4
93	83	73	63	53	43	33	23	13	3
92	82	72	62	52	42	32	22	12	2
91	81	71	61	51	41	31	21	11	1

Ex.4 Number in words .

1 one	2 two	3 three	4 four	5 five	6 six	7 seven	8 eight	9 nine	10 ten
11 eleven	12 twelve	13 thirteen	14 fourteen	15 fifteen	16 sixteen	17 seventeen	18 eighteen	19 nineteen	20 twenty
21 twenty-one	22 twenty-two	23 twenty-three	24 twenty-four	25 twenty-five	26 twenty-six	27 twenty-seven	28 twenty-eight	29 twenty-nine	30 thirty
31 thirty-one	32 thirty-two	33 thirty-three	34 thirty-four	35 thirty-five	36 thirty-six	37 thirty-seven	38 thirty-eight	39 thirty-nine	40 forty
41 forty-one	42 forty-two	43 forty-three	44 forty-four	45 forty-five	46 forty-six	47 forty-seven	48 forty-eight	49 forty-nine	50 fifty
51 fifty-one	52 fifty-two	53 fifty-three	54 fifty-four	55 fifty-five	56 fifty-six	57 fifty-seven	58 fifty-eight	59 fifty-nine	60 sixty
61 sixty-one	62 sixty-two	63 sixty-three	64 sixty-four	65 sixty-five	66 sixty-six	67 sixty-seven	68 sixty-eight	69 sixty-nine	70 seventy
71 seventy-one	72 seventy-two	73 seventy-three	74 seventy-four	75 seventy-five	76 seventy-six	77 seventy-seven	78 seventy-eight	79 seventy-nine	80 eighty
81 eighty-one	82 eighty-two	83 eighty-three	84 eighty-four	85 eighty-five	86 eighty-six	87 eighty-seven	88 eighty-eight	89 eighty-nine	90 ninety
91 ninety-one	92 ninety-two	93 ninety-three	94 ninety-four	95 ninety-five	96 ninety-six	97 ninety-seven	98 ninety-eight	99 ninety-nine	100 one hundred

Ex5 Find out before and after numbers .

__ 10 __

__ 83 __

__ 25 __

__ 14 __

__ 81 __

__ 90 __

__ 59 __

__ 22 __

__ 42 __

__ 38 __

__ 97 __

__ 75 __

Ex.6 Write missing numbers.

a)	73	74	75	76	77	78
b)	23	25	26	27	28	29
c)	62	63	64	65	66	67
d)	89	90	91	92	93	94
e)	59	60	61	62	63	64
f)	16	17	18	19	20	21

❖ Activity

Join numbers and complete picture



Chapter- 1

Shapes and space

Key points:

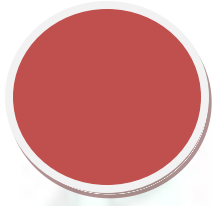
1. *Fun with shapes*
2. *Plane shapes*
3. *Solid shapes*
4. *Activity*

Ex.1 Fun with shapes (*cut and paste*)



Ex2 .Basic shapes

1.



Name- Circle

Sides- 0

Corners- 0

2.

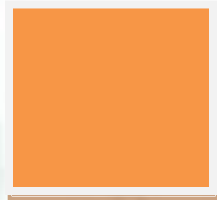


Name- Oval

Sides- 0

Corners- 0

3.

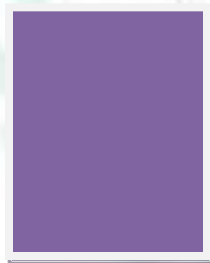


Name - Square

Sides - 4

Corners- 4

4.

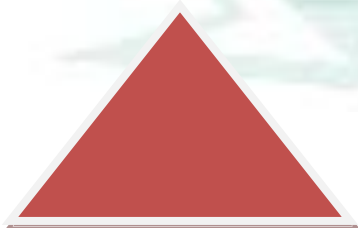


Name- Rectangle

Sides- 4

Corners- 4

5.



Name- Triangle

Sides- 3

Corners- 3

Ex.3 Solid or 3 dimensional shapes

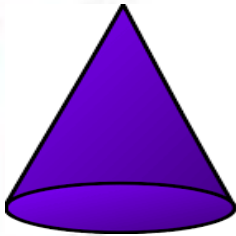
1.



Name- Sphere

Example - Ball, Globe

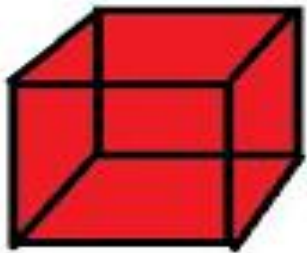
2.



Name- Cone

Example - Ice Cream Cone, Party caps

3.



Name- Cube

Example - Dice , Sugar cube

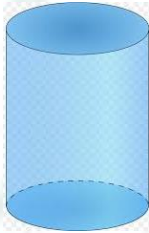
4.



Name-Cuboid

Example- Books, Duster

5.

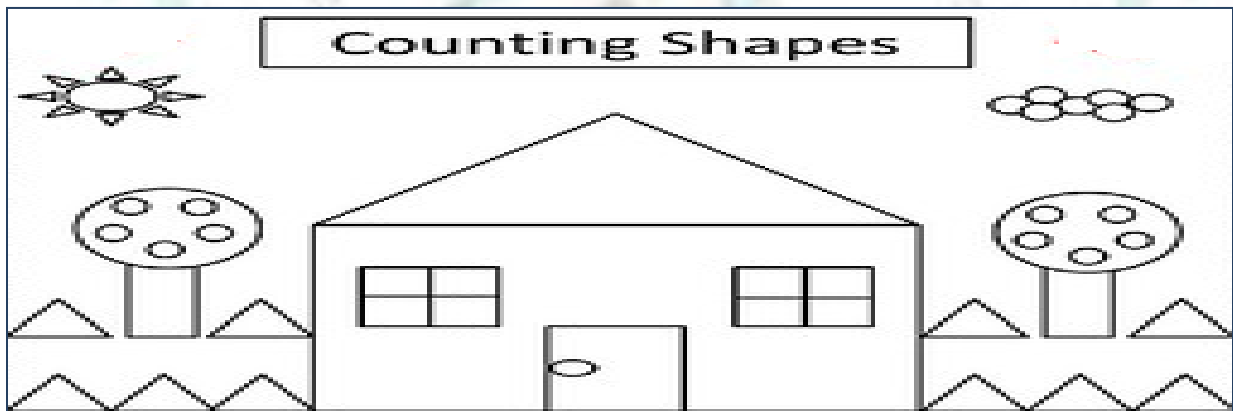


Name- Cylinder





Example -Tube light, Water bottle

Activity:- (pasting) (H.W.)

Counting Shapes



Count the shapes and write them in the spaces below.

20 circles		11 squares	
19 triangles		3 rectangles	

Chapter- 3

Addition

➤ **Key points**

1. *Addition with objects*

2. *One digit addition*

3. *Three digit addition*

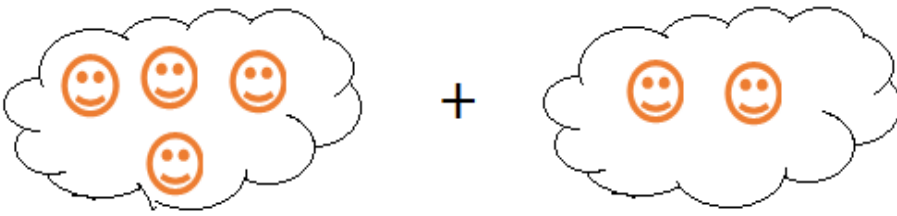
4. *Addition (Horizontal)*

5. *Word problem*

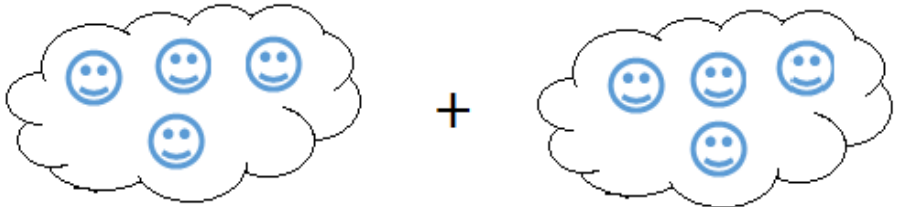
6. *Activity*



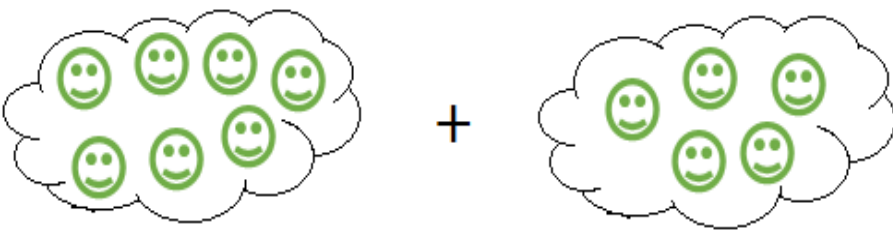
Ex.1 Addition by pictures

a.  +

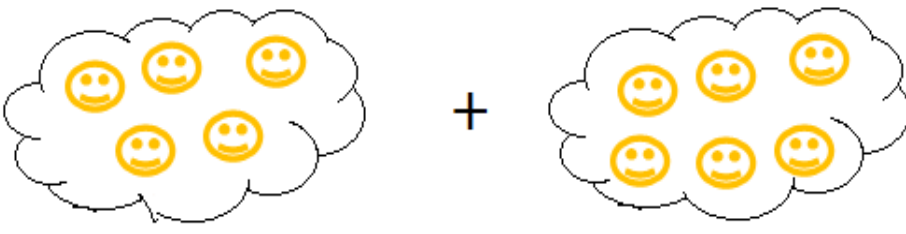
$$4 + 2 = 6$$

b.  +

$$4 + 4 = 8$$

c.  +

$$7 + 5 = 12$$

d.  +

$$5 + 6 = 11$$

Ex.2 Addition of one digit numbers.

$\begin{array}{r} 6 \\ +5 \\ \hline 11 \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ +5 \\ \hline 13 \end{array}$	$\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$
---	--	--	---	---

$\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 8 \\ +4 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ +6 \\ \hline 13 \end{array}$	$\begin{array}{r} 3 \\ +9 \\ \hline 12 \end{array}$
--	---	---	---	---

Ex. 3 Addition with three numbers

$\begin{array}{r} 4 \\ 5 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 3 \\ 4 \\ +4 \\ \hline 11 \end{array}$	$\begin{array}{r} 2 \\ 3 \\ +7 \\ \hline 12 \end{array}$	$\begin{array}{r} 6 \\ 2 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ 9 \\ +2 \\ \hline 18 \end{array}$
$\begin{array}{r} 3 \\ 6 \\ +5 \\ \hline 14 \end{array}$	$\begin{array}{r} 2 \\ 8 \\ +6 \\ \hline 16 \end{array}$	$\begin{array}{r} 2 \\ 3 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ 5 \\ +3 \\ \hline 13 \end{array}$	$\begin{array}{r} 7 \\ 4 \\ +2 \\ \hline 13 \end{array}$

Ex.4 Addition (Horizontal)

a)	4	+	5	=	9
b)	0	+	8	=	8
c)	5	+	2	=	7
d)	6	+	0	=	6
e)	4	+	4	=	8

f)	8	+	1	=	9
g)	3	+	6	=	9
h)	4	+	3	=	7
i)	2	+	3	=	5

Ex.5 Word problem

1. Jiya has 3 toffees and Lata has 5 toffees. How many toffees they have altogether?

Ans. 3 toffees Jiya has
 + 5 toffees Lata has

 8 toffees in all.

2. there are 6 frogs in the pond . 3 more frogs jump in .how many are there now ?

Ans. 6 frogs were there
 + 3 frogs jump in

 9 frogs in

❖ Activity

3 + 6 =

2 + 7 =

4 + 1 =

1 + 8 =

5 + 3 =

3 + 2 =

1 + 4 =

3 + 4 =

8 + 1 =

5 + 4 =

4 + 5 =

7 + 1 =

3 + 5 =

1 + 6 =

2 + 5 =

1 + 5 =

2 + 4 =

1 + 7 =

4 + 3 =

3 + 3 =

4 + 4 =

4 + 2 =

5 white

6 green

7 orange

8 yellow

9 blue

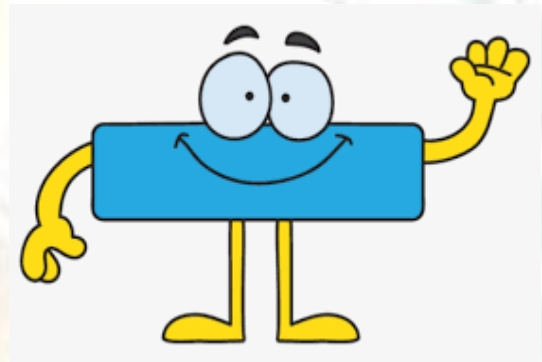
यु.जी.

Chapter- 4

Subtraction

❖ KEY POINTS

1. *Subtraction by picture*
2. *Single digit subtraction*
3. *Subtraction (Horizontal)*
4. *Fill in the blanks*
5. *Word problem*
6. *Activity*



Ex.1 Subtraction using object



$$6 - 2 = 4$$



$$9 - 6 = 3$$



$$7 - 7 = 0$$



$$5 - 1 = 4$$



$$8 - 4 = 4$$

Ex.2 Subtraction

$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$
7	4	9	3	3

$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$
1	2	0	3	4

Ex.3 Subtraction (Horizontal)

a)	9	-	1	=	8
b)	7	-	0	=	7
c)	5	-	5	=	0
d)	4	-	2	=	2
e)	8	-	5	=	3
f)	6	-	0	=	6
g)	7	-	4	=	3
h)	3	-	3	=	0
i)	10	-	6	=	4

Ex .4 Fill in the blanks

a)	<u>7</u>	+	2	=	9
b)	8	-	0	=	<u>8</u>
c)	5	+	<u>2</u>	=	7
d)	3	-	2	=	<u>1</u>
e)	4	+	<u>5</u>	=	9
f)	7	+	0	=	<u>7</u>
g)	6	-	<u>2</u>	=	4
h)	<u>4</u>	+	3	=	7
i)	2	+	3	=	<u>5</u>

Ex5. Word problem

a) A shop has 8 bags . it sells 3 bags on Monday . How many bags are left?

Ans. 8 bags were there

- 3 bags were sold

5 bags left in the shop

b) Marry has 9 marbles. She lost 6 of them. How many marbles does she have now?

Ans. 9 Marbles

- 6 Marbles lost

3 Marbles Left with Marry

❖ **Activity** (*pasting*)

5 - 2 =

7 - 3 =

9 - 9 =

4 - 2 =

6 - 5 =

8 - 4 =

7 - 4 =

5 - 3 =

6 - 4 =

5 - 5 =

Answer Colours

- 0 red
- 1 green
- 2 blue
- 3 orange
- 4 brown

