पु(ण International School
Shree Swaminarayan Gurukul, Zundal

Grade -2

Math

Specimen copy

July – July _ Month

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Chapter – 3
How much you carry

❖ *Key points :-*

I.   Identify heavier or lighter

II.   Units of weights

III.   Addition and subtraction of weighs

Ex.1   **Circle the heavier object.** *(pasting)*

Ex .2Units of weight.

We measure the quantity of solid in grams and kilograms.

Example :Rice , wheat , vegetable , fruits etc.

    1 Kilogram = 1000 gram

    Or   1 Kg = 1000 g.

Ex.3Addition 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.
	1	300		15	200		18	500
+	3	500	+	10	500	+	2	250
	4	800		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

❖ **Key points**

I. *Explanation - 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.

25 sticks

2 bundle of
10 sticks
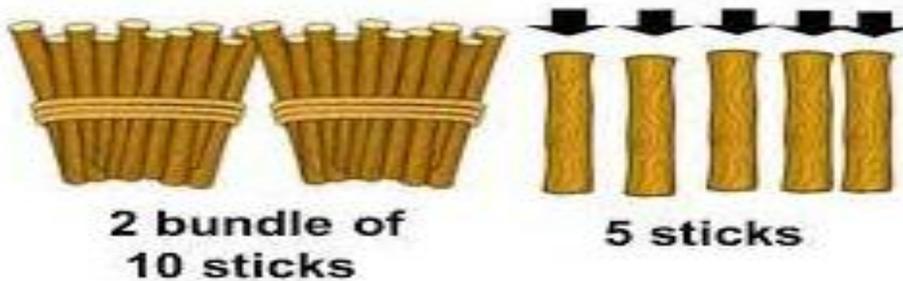
5 sticks

2 bundles of 10 sticks = 2 tens

5 loose sticks= 5ones

Ex 2. <u>Identify as Tens and ones and write in expanded form .</u>

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

Ex.3   <u>Counting in tens</u>
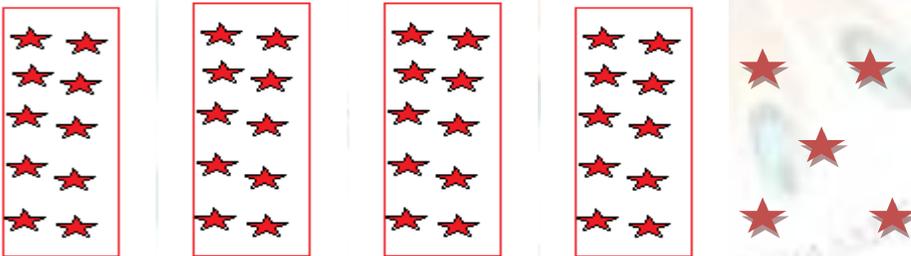
10   +   10   +   10   +   10   +   5 =   45
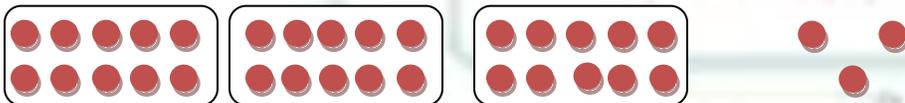
10   +   10   +   10   +   2 =   32

10 + 10 + 6 = 26

10 + 10 + 10 = 30

Ex. 4 Addition of two digits.

2 3 + 3 4	5 6 + 4 3	2 1 + 5 0	6 4 + 2 4
5 7	9 9	7 1	8 8

8 0 + 1 4	1 2 + 6 6	7 3 + 2 3	4 6 + 2 2
9 4	7 8	9 6	6 8

EX.5 Addition with carry.

①	①	①	①	①
7 7 + 4 6	3 8 + 1 7	5 5 + 2 6	6 4 + 2 6	2 5 + 7 5
123	55	81	90	100

①	①	①	①	①
4 5	6 9	3 5	2 6	8 5
+ 3 7	+ 2 4	+ 4 6	+ 5 7	+ 1 6
8 2	9 3	8 1	8 3	101

Ex.6 Subtraction of two digits

6 9	9 4	8 7	5 3	6 7
- 6 3	- 6 3	- 3 4	- 1 1	- 2 1
0 6	3 1	5 3	4 2	4 6

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

Ex.7 Subtraction with borrowing.

1)
$$
\begin{array}{r}
\overset{2}{\cancel{3}}\;{}^{1}3 \\
-\;1\;\;5 \\
\hline
1\;\;8
\end{array}
$$

2)
$$
\begin{array}{r}
\overset{2}{\cancel{3}}\;{}^{1}2 \\
-\;1\;\;4 \\
\hline
1\;\;8
\end{array}
$$

3)
$$
\begin{array}{r}
\overset{1}{\cancel{2}}\;{}^{1}4 \\
-\;1\;\;5 \\
\hline
0\;\;9
\end{array}
$$

4)
$$
\begin{array}{r}
\overset{1}{\cancel{2}}\;{}^{1}0 \\
-\;1\;\;3 \\
\hline
0\;\;7
\end{array}
$$

5)
$$
\begin{array}{r}
\overset{2}{\cancel{3}}\;{}^{1}3 \\
-\;1\;\;5 \\
\hline
1\;\;8
\end{array}
$$

6)
$$
\begin{array}{r}
\overset{3}{\cancel{4}}\;{}^{1}3 \\
-\;2\;\;6 \\
\hline
1\;\;7
\end{array}
$$

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

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

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

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

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

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

> ➤ *Activity :*

Counting in tens *(pasting)*
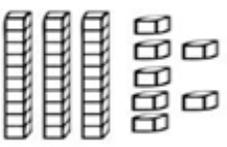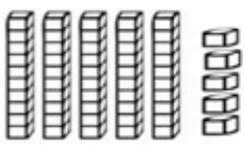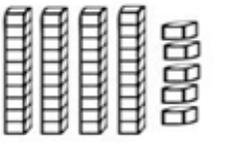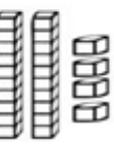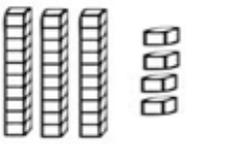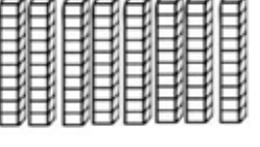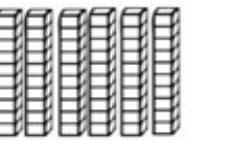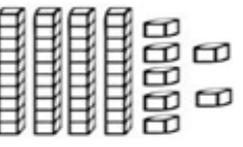
| No.	tens	ones
1.	3	7
2.	5	5
3.	4	5
4.	2	4
5.	3	4
6.	8	0
7.	6	0
8.	4	7

Chap- 5
Patterns

❖ *Key points* :-

I.   Patterns in shape

II.   Repeat the given patterns

III.   Find the next term

Ex.1 Draw shapes and complete the patterns.
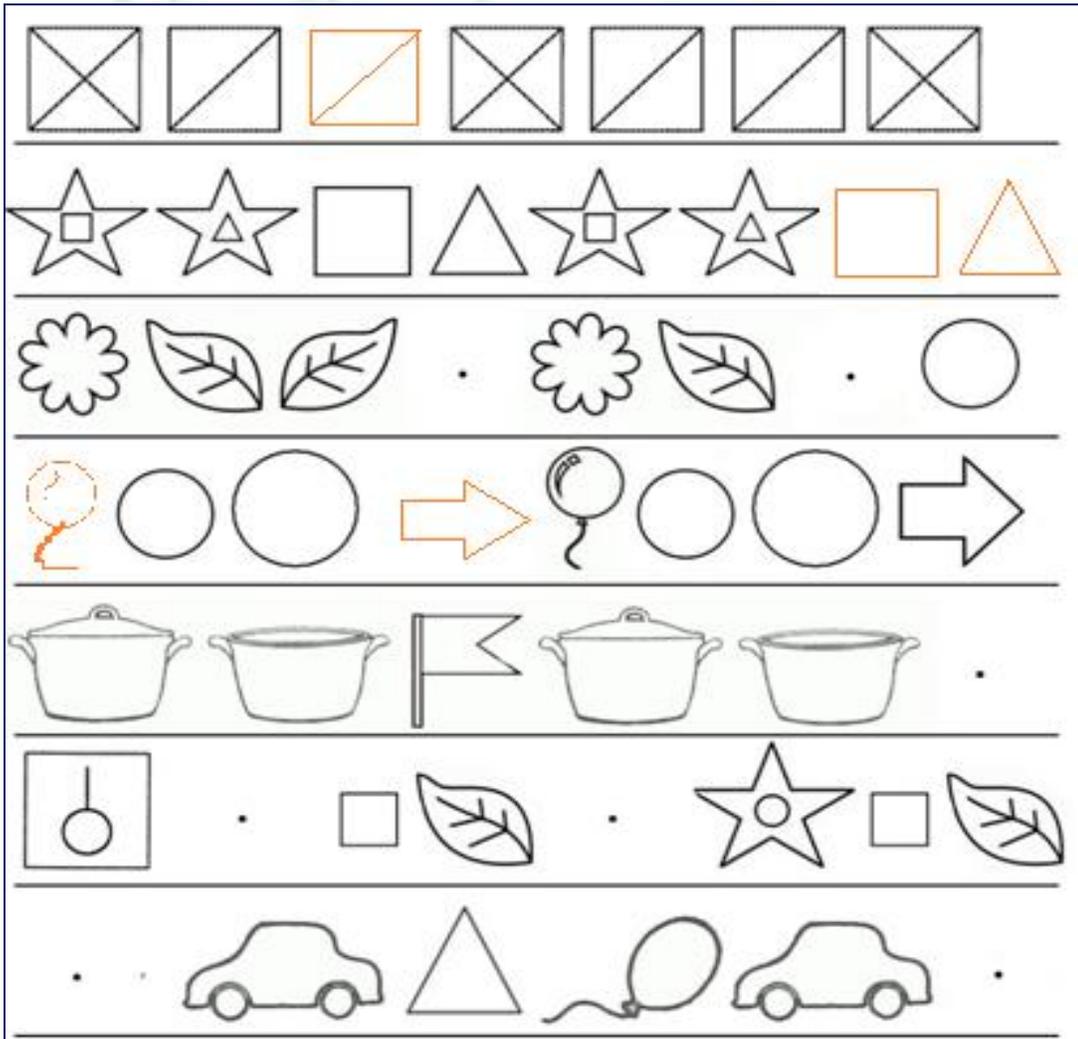
Ex. 2 **Repeat the given patterns.(grid line sheet)**
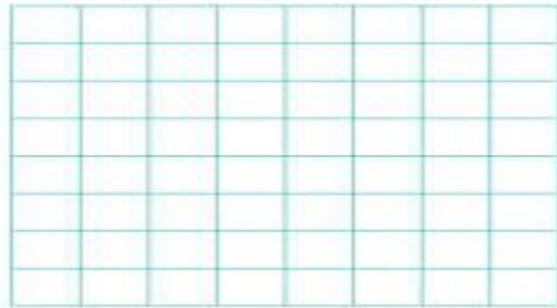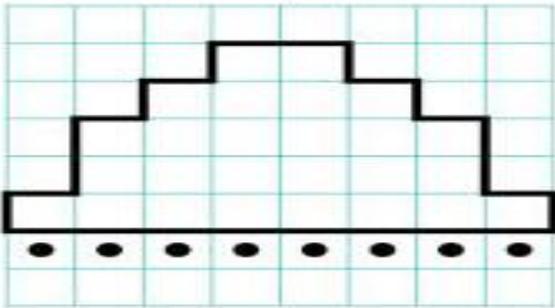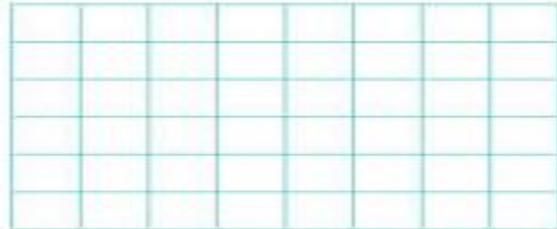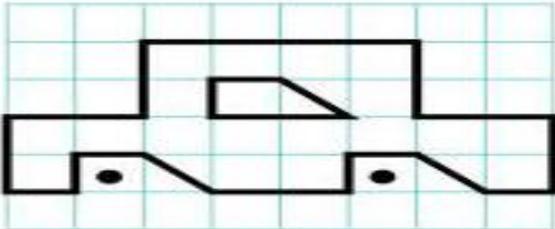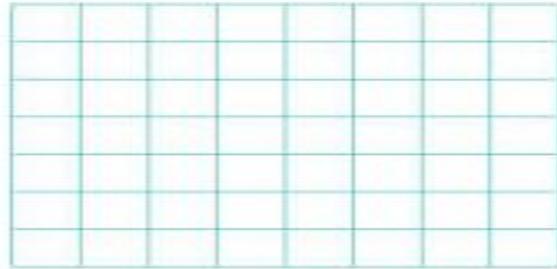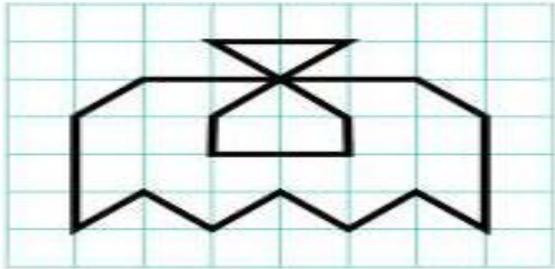
➢ **Ex. 3** **Find out the next term.**

a. AB , CD , EF , GH , I J , KL,MN,OP .

b. 19 , 29 , 39 , 49 , 59 , 69 , 79 , 89 .(+ 10)

c. 15 , 20 , 25 , 30 , 35 , 40 , 45 , 50 .(+5)

d. 18 , 21 , 24 , 27 , 30 , 33 , 36 , 39 .(+3)

e. 20 , 19 , 18 , 17 , 16 , 15 , 14 , 13 .

f.   4a , 8b , 12c, 16d , 20e , 24f , 28g, 32h .

g.   A1 , B2 , C3 , D4 , E5 , F6 , G7 , H8 .

Activity (Project work)

❖ <u>Collect any type of material and arrange them in a beautiful pattern.</u>