पुजना International School
Shree Swaminarayan Gurukul, Zundal

Class – 2

Mathematics

Specimen copy –Sem 2

Year 2022- 23

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Chap – 8

Tens and Ones

- **Key Points**

I. Count the value

II. How many tens and ones , writ as expand form .

III. Expanded form in hundred.

IV. Even and odd numbers.

Ex 1. Count the value of given object.

If = 10 And = 1

a) .

10 + 10 + 1 + 1 = 22

Ans = 22

b)

10 + 10 + 10 + 1 = 31

Ans= 31

c)

10 + 10 + 10 + 10 + 1 + 1 + 1 = 43

Ans = 43

d)

10 + 1 + 1 + 1 + 1 + 1 = 15

Ans = 15

- **EX. 2 How many tens and ones.**

a) 25 = 2 Tens and 5 ones

b) 56 = 5 Tens and 6 ones

c) 34 = 3 Tens and 4 ones

d) 47 = 4 Tens and 7 ones

e) 60 = 6 Tens and 0 ones

f) 79 = 7 Tens and 9 ones

g) 11 = 1 Tens and 1 ones

h) 85 = 8 Tens and 5 ones

➢ **Ex.3Write expanded form of given numbers.**

a) 314 = 300 + 10 + 4

b) 956 = 900 + 50 + 6

c) 782 = 700 + 80 + 2

d) 866 = 800 + 60 + 6

e) 405 = 400 + 00 + 5

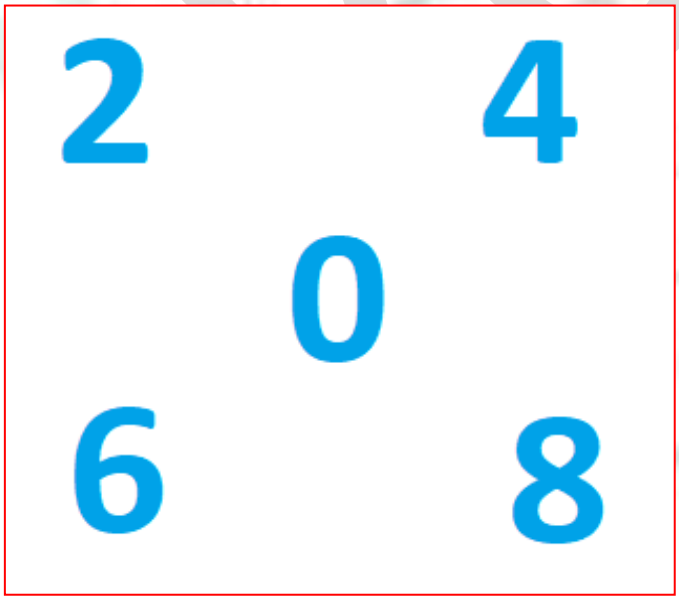
f) 182 = 100 + 80 + 2

g) 280 = 200 + 80

h) 506 = 500 + 00 + 6

➢ **Even numbers**

Any numbers having the digits 0 , 2 , 4 , 6 , 8 at it's ones place is called even numbers.



➢ **Ex .4 Find the even number.**

a) 626 , 639 , 647 , 651

b) 893 , 722 , 541 , 445

c) 229 , 547 , 454 , 365

d) 479 , 658 , 773 , 695

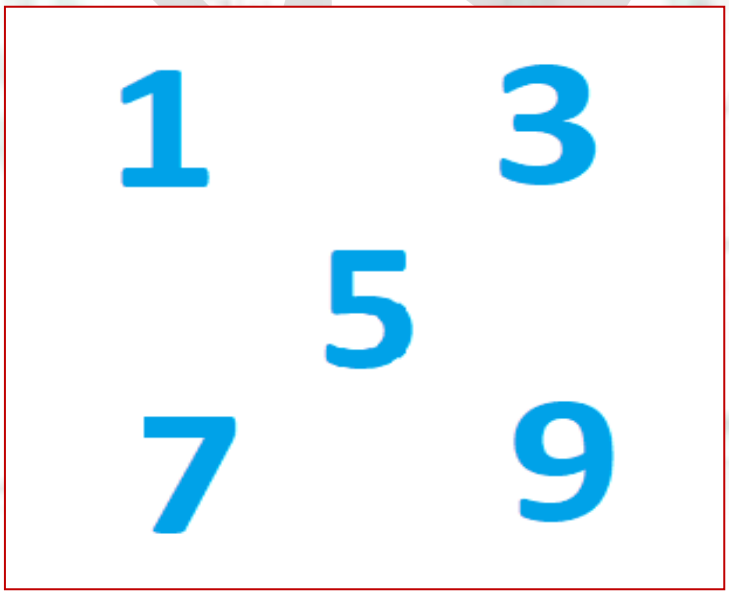
e) 507 , 741 , 553 , 220

f) 694 , 903 , 337 , 709

g) 341 , 403 , 269 , 982

➢ **Odd numbers**

Any numbers having the digits 1, 3, 5 , 7 , 9 at it's ones place is called odd numbers.



➢ **Ex. 5 Circle the odd number.**

a) 554 , 768 , 774 , 843

b) 958 , 482 , 731 , 662

c) 382 , 914 , 176 , 425

d) 617 , 636 , 970 , 168

e) 182 , 674 , 835 , 919

f) 214 , 756 , 112 , 121

g) 504 , 447 , 582 , 660

Chap 9

My Funday

- **Key Points**

I. Days of week

II. Months of year

III. Fill in the blanks

IV. Answer the following

- **Ex. 1 Days of week**

There are 7 days in a week.

Ex. 2 Months of year

There are 12 months in a year.

Month Number	Month	In 3 letters	Days in Month
1	January	Jan	31
2	February	Feb	28 (29 in leap years)
3	March	Mar	31
4	April	Apr	30
5	May	May	31
6	June	Jun	30
7	July	Jul	31
8	August	Aug	31
9	September	Sep	30
10	October	Oct	31
11	November	Nov	30
12	December	Dec	31

Ex. 3 Fill in the blanks with correct option.

a) A week has **7** days.

b) There are **365** days in a year.

c) February has **29** days in a leap year.

d) There are **24** hours in a day.

e) 1 hour = **60** minutes

f) 1 minute = **60** seconds

- **Ex .4 Answer the following questions.**

Q1. How many months have 30 days?

Ans : There are **4** months have 30 days . They are April , June , September , November

Q2 . How many months have 31 days?

Ans : There are **7** months have 31 days . There are January , March , May , July , August , October , December .

Q3 . How many days in February month ?

Ans: There **28** days in February month but in leap year **29** days are there .

Chap – 10

Add Our Points

- **Key Points**

  I. Fill in the blanks

  II. Find solution

  III. Addition with carry

  IV. Subtraction with borrowing

  V. Word problem

Ex.1 Fill in the blanks with correct answer.

a) 9 + 4 = 16

b) **10** + 21 = 31

c) 11 + 33 = **44**

d) 8 + 7 = 15

e) 17 + 9 = **26**

f) **35** + 5 = 40

- **Ex .2 Find the solution and write in the blank.**

a) 5 - **1** = 4

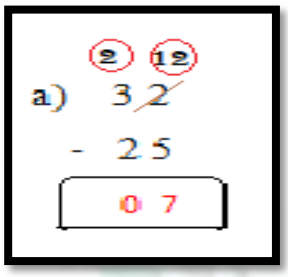
b) 42 - 30 = **12**

c) **50** - 10 = 40

d) 20 - **20** = 00

e) 92 - 42 = **50**

f) **66** - 33 = 33



➢ **Ex .3 Add the following numbers.**

➢

a) 45 + 56 = 101

b) 67 + 25 = 92

c) 14 + 26 = 40

d) 35 + 15 = 50

e) 56 + 25 = 81

f) 93 + 07 = 100

g) 38 + 14 = 52

h) 58 + 09 = 67

i) 55 + 17 = 72

j) 78 + 13 = 91

➢ **Ex4. Subtract the given numbers.**

a) 7 2
- 3 5
3 7

b) 6 1
- 3 4
2 7

c) 5 4
- 2 6
2 8

d) 3 6
- 1 8
1 8

e) 5 3
- 2 5
2 8

f) 5 5
- 3 9
1 6

g) 7 6
- 4 8
2 6

h) 4 4
- 3 9
0 5

i) 6 3
- 2 7
3 6

j) 3 1
- 2 9
0 2

➢ **Ex. 6 Word problems .**

1) A story book contains 45 pages. Another story book contains 47 pages.Find the total number of pages in two books?

First book have 45
Second book have +47
Total pages 92

2. I found 53 frogs in the pond. Some of them hopped away and now there are 28 left
.how many hopped away?

No .of frogs 53
Frogs hopped away - 28

Frogs left = 25

Ch – 11

Lines and Lines

- **Key Points**

I. Different types of Lines

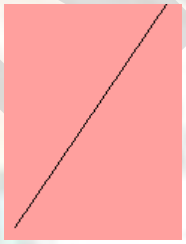
II. Draw pictures using lines

III. Draw pictures using dots

IV. One half 1/2 , one third 1/3 , one fourth ¼

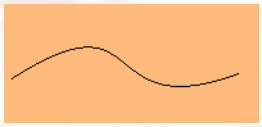
- **Ex.1 Different types of lines .**

a) standing or vertical line



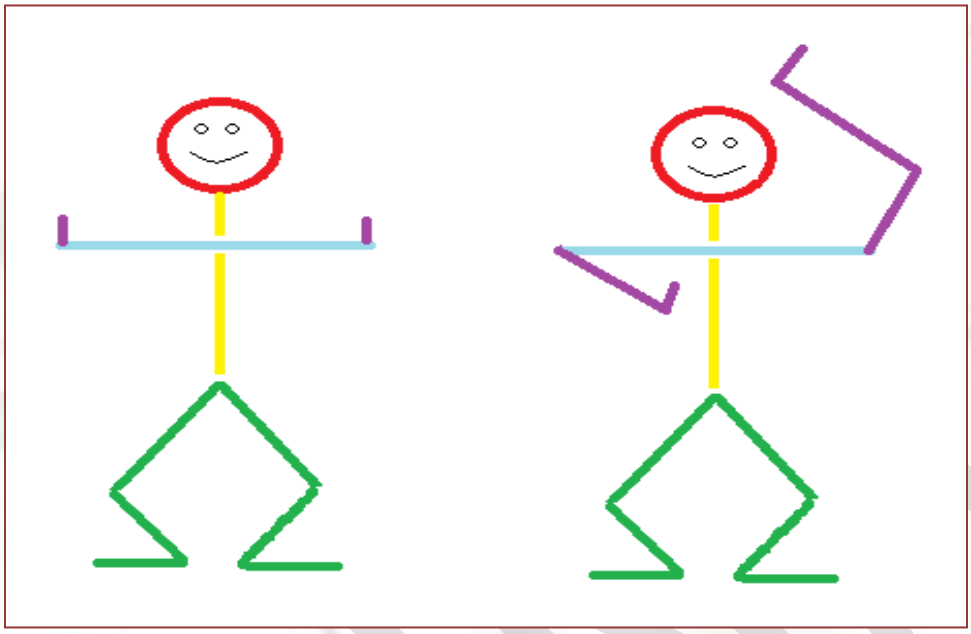
b) slanting line

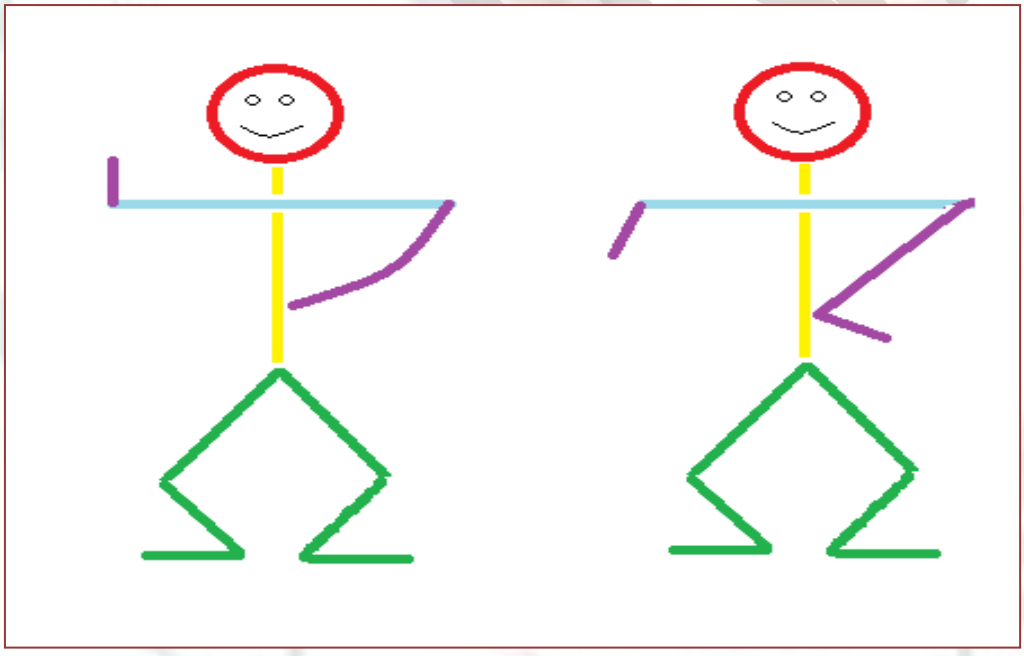
c) sleeping or horizontal line



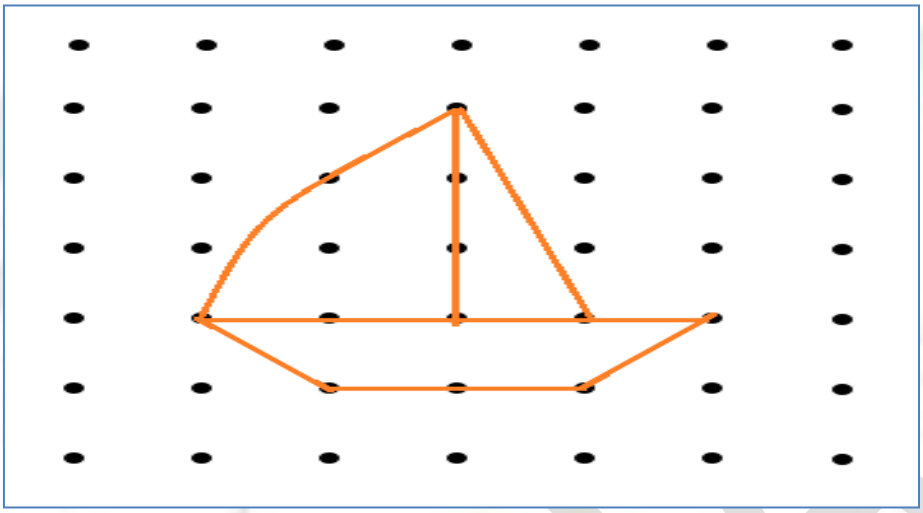
d) curve

➢ **Ex. 2 Draw some picture using lines .**

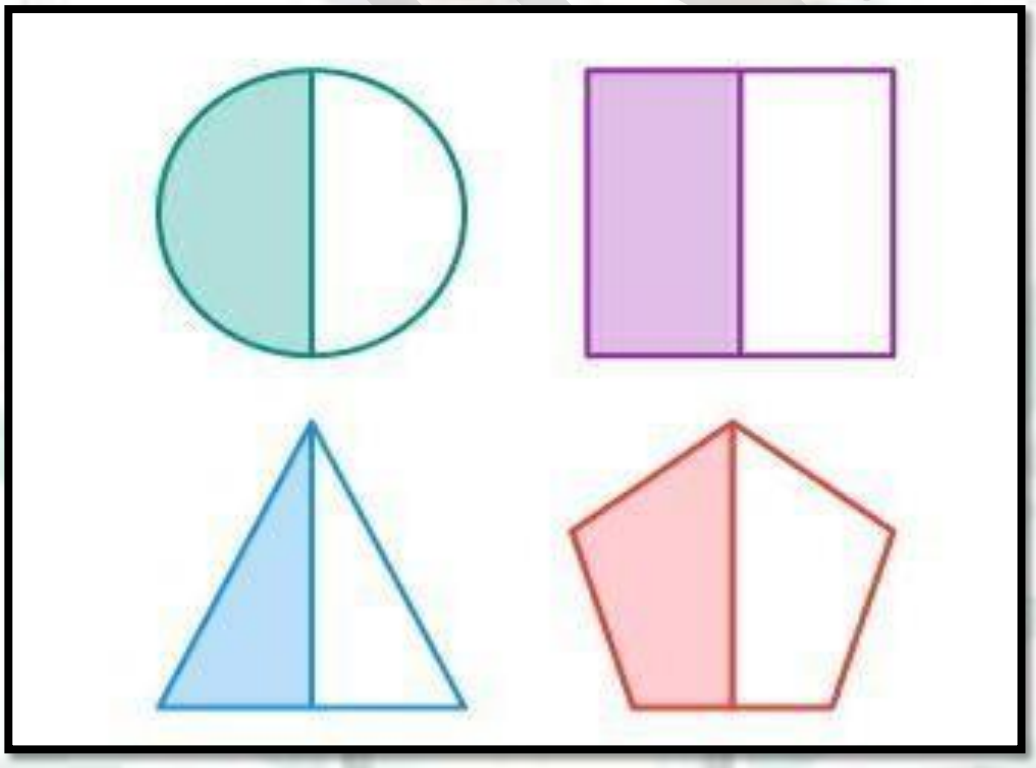




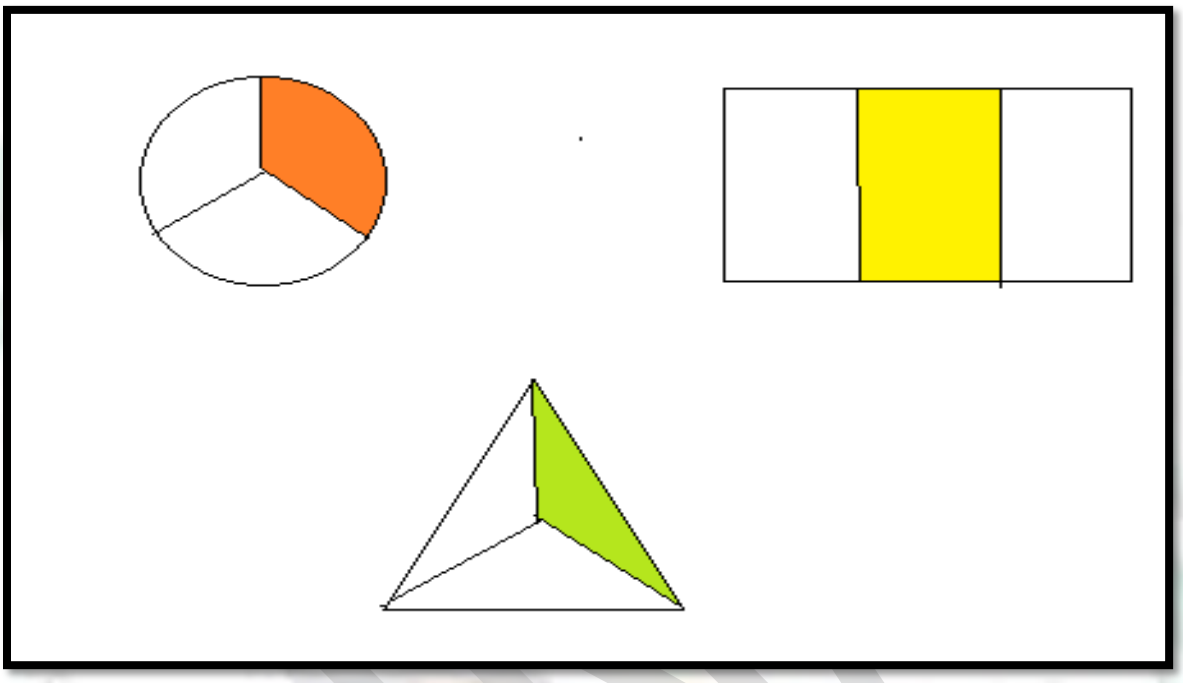
Ex. 3 Make a picture on dots using straight and curve lines .



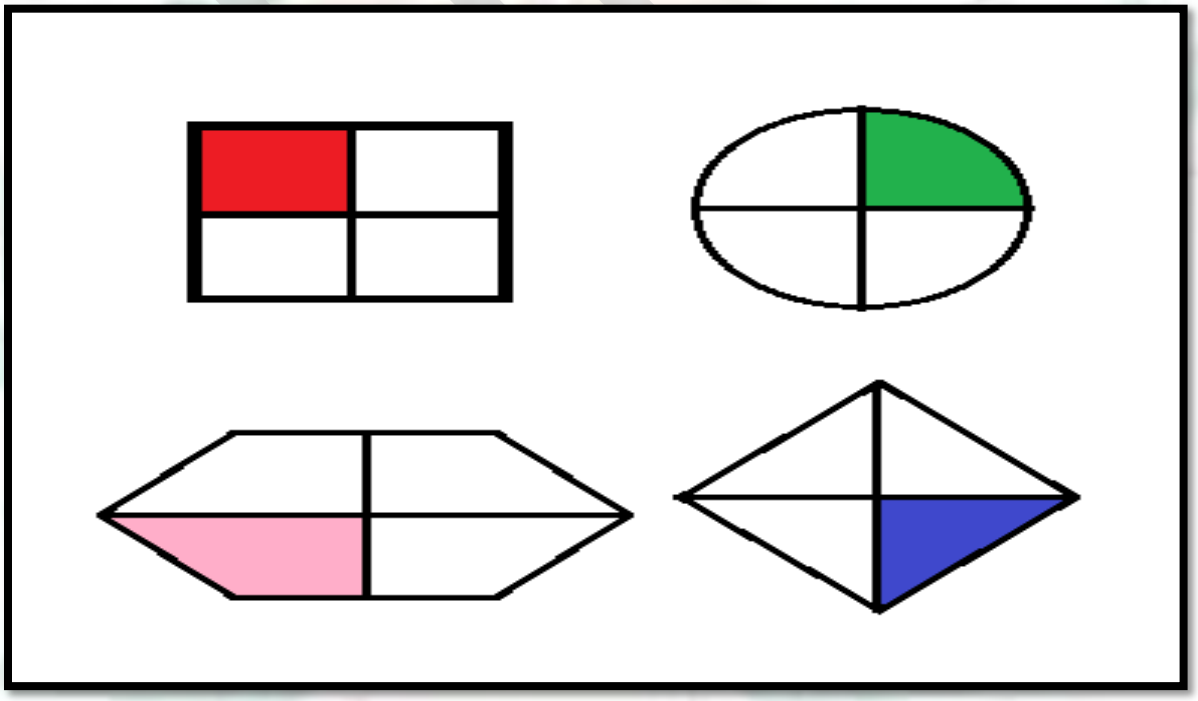
- **Ex.4 Colour the one half (1/2) of each figure**



- **b) Colour 1/3 of each figure.**



- **c) Colour ¼ of each figure.**



Ch- 12

Give and Take

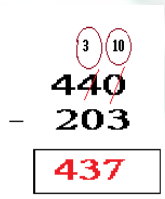
- **Key Points**

  I. Addition of three digits

  II. Subtraction of three digits

  III. Money

- **Ex .1 Add the following numbers .**



$$\begin{array}{r} 523 \\ +\ 374 \\ \hline 897 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ \ } \\ 735 \\ +\ 165 \\ \hline 900 \end{array}$$

$$\begin{array}{r} {\scriptstyle 1\ \ } \\ 498 \\ +\ 203 \\ \hline 701 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ \ } \\ 546 \\ +\ 346 \\ \hline 892 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ 1} \\ 654 \\ +\ 248 \\ \hline 902 \end{array}$$

- **Ex. 2 Subtract the following numbers .**

1)

		7	12
	4	~~8~~	~~2~~
-	2	4	8
	2	3	4

2)

		5	12
	2	~~6~~	~~2~~
-	1	1	7
	1	4	5

3)

		4	13
	4	~~5~~	~~3~~
-	2	3	4
	2	1	9

4)

		3	15
	5	~~4~~	~~5~~
-	1	3	8
	4	0	7

5)

		8	12
	8	~~9~~	~~2~~
-	1	5	7
	7	3	5

6)

		0	13
	5	~~1~~	~~3~~
-	4	0	9
	1	0	4

- **Money**

In India Currency)is in the form of Rupees and paise.Indian currency is denoted by

Ex. 3 Observe the price of each item and find the total of given order.

Name of the item	Price in ₹
Eraser	**5**
Crayons	**20**
Book	**25**
Sharpener	**8**
Pencil set	**15**

a)

1 Book		25
1 Crayon		+ 20
1 Sharpener		+ 8
Total	=	53

b)

1 Eraser		5
1 Crayon	+	20
1 book	+	25
Total	=	50

c))

1 pencil set		15
1 Crayon	+	20
1 Sharpener	+	8
Total	=	43

Word problem:-

1. Ram purchased book of Rs 35 and Bag of Rs 45 . How much money he spend together?

Cost of Book		**Rs 35**
Cost of Bag	**+**	**Rs 45**
Total money spend	**=**	**80**

2. Soham brought a brought football of Rs 160 . Now he had Rs 140 left . How many mo upney he had at the beginning ?

Cost of Football		**Rs 160**
Money left	**+**	**Rs 140**
Total money	**=**	**Rs 300**

3. Abhi Brought a table of Rs 190 .He gave a note of Rs 200 . How much Rs did he received back from shopkeeper?

Money given		**Rs 200**
Cost of Table	**-**	**Rs 190**
Received back	**=**	**Rs 010**

4. Priya 's father gave her Rs 250 for shopping . She spend Rs 175 . How much money should she give back to her father?

Father gave		**Rs 250**
Priya spend	**-**	**Rs 175**
Priya returns	**=**	**Rs 075**

Ch – 13

The Longest step

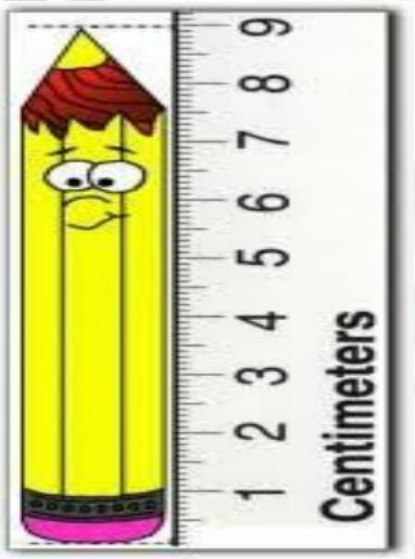
- **Key Points**

1. Unit of measurement
2. Non standard unit of measurement
3. Find the length
4. Draw lines using ruler
5. Conversion

- **Unit of measurement.**

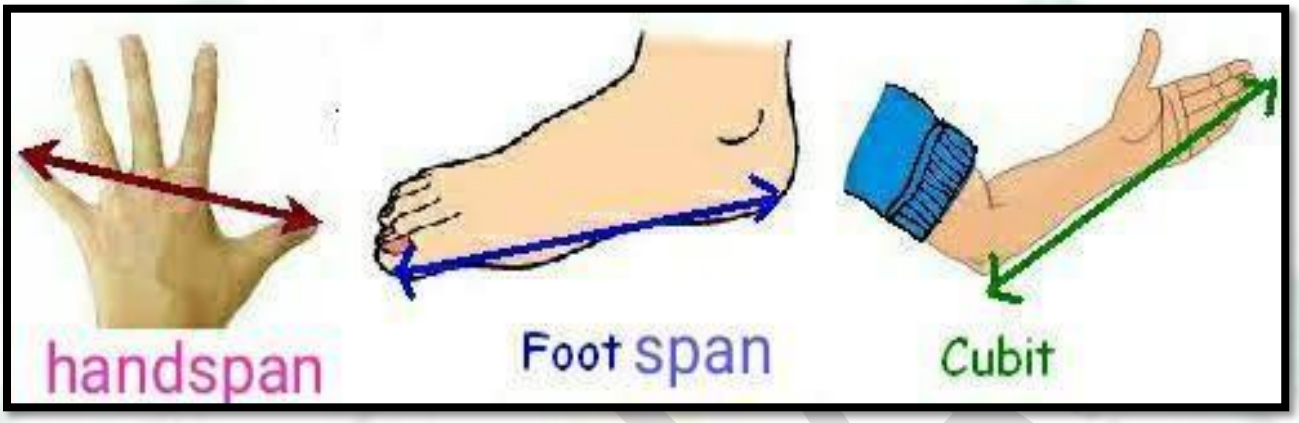
We measure length and distance of object in meter.

1 KILOMETER = 1000 METER
1 METER = 100 CENTIMETER



➢ **Non – standard unit**

Part of our body can be used for measuring the length of object.
The following examples are called non standard unit of length.



- **Find the Length**.

1. The crayon is about _4_ finger long.
2. The chalk is about _3_ eraser long.
3. The classroom is about _10_ pace long.
4. The bench is about __8__ cubit long.
5. The pencil is about __1__ handspan long.

➢ **Draw lines using ruler.**

a) 6cm

_____

b) 10cm

_____

c) 12cm

d) 5cm

Conversation

➢ Convert the following units in Meter to Centimeter.

a) 10 m.

1 m = 100 cm
10 m = 10 x 100
Ans = 1000 cm

b) 15 m.

1 m = 100 cm
15 m = 15 x 100
Ans = 1500 cm

c) 22 m.

1 m = 100 cm
22 m = 22 x 100
Ans = 2200 cm

c) 53 m.

1 m = 100 cm
53 m = 53 x 100
Ans = 5300 cm

- **Convert following units in kilometer to Meter.**

a) 6 km.

1km = 1000 m
6 km = 6 x 100
Ans = 6000 m

b) 25 km.

1 km = 1000 m
25 km = 25 x 1000
Ans = 25000 m

c) 18 km.

1k km = 1000 m
18 km = 18 x 1000
Ans = 18000 m

c) 61km.

1k km = 1000 m
61 km = 61x 1000
Ans = 61000 m

Ch – 14

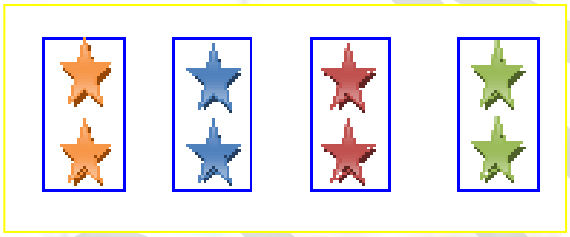
Birds Come , Birds Go

- **Key Points** :-

I. Addition and multiplication fact
II. Multiply and repeated addition
III. Multiplication
IV. Word problem

- Identify addition and multiplication fact. [remember (group x no. of object in each group)]

a)



=> 2 + 2 + 2 + 2 = 8
4 x 2 = 8

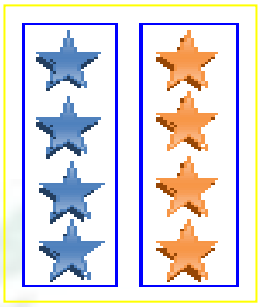
---

b)

=> 3 + 3 + 3 + 3 + 3 = 15
5 x 3 = 15

---

c)

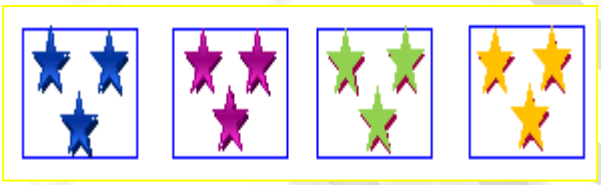


=> 4 + 4 = 8

2 x 4 = 8

---

d)



=> 3 + 3 + 3 + 3 = 12

4 x 3 = 12

---

e)

=> 4 + 4 + 4 + 4 = 16

4 x 4 = 16

Q2) Multiply and repeated addition.

Sr.	Multiply	Repeated addition	Answer
1	4 x 7	7 + 7 + 7 + 7	28
2	6 x 3	3 + 3 + 3 + 3 + 3 + 3	18
3	5 x 5	5 + 5 + 5 + 5 + 5	25
4	3 x 9	9 + 9 + 9	27
5	8 x 4	4 + 4+ 4+ 4+ 4+ 4 + 4 + 4	32
6	3 x 10	10 + 10 + 10	30
7	2 x 3	2 + 2 + 2	6

Q3) Find the answer of following digits.

7 × 5 = 35	4 × 3 = 12	5 × 5 = 25	3 × 9 = 27	2 × 8 = 16
8 × 3 = 24	9 × 4 = 36	6 × 6 = 36	10 × 9 = 90	9 × 9 = 81

1	2	4	2	
22	46	27	48	36
× 4	× 3	× 4	× 5	× 4
88 5	138	108	240	144
16	35	20	18	45
× 9	× 5	× 4	× 5	× 6
144	175	80	90	270

Word problem:-

a) Hari reads 4 pages of a book everyday. how many pages does he read in 15 days?

1 day - 4 pages

15 day - ?

15 × 4
60

Ans - Hari will read 60 pages in 15 days.

b) In a birthday party 9 kids were there . Mother prepare 3 cupcake for each. How many cupcakes did she prepare in all ?

1 kid - 3 cupcakes

9 kids - ?

	9
×	3
27	

Ans -Mother had prepared 27 cupcakes .

c) A week has 7 days . How many days are there in 12 weeks ?

1 week - 7 day

12 week - ?

	12
×	7
84	

Ans - There are 84 days in 12 week.

Ch – 15

How many ponytails

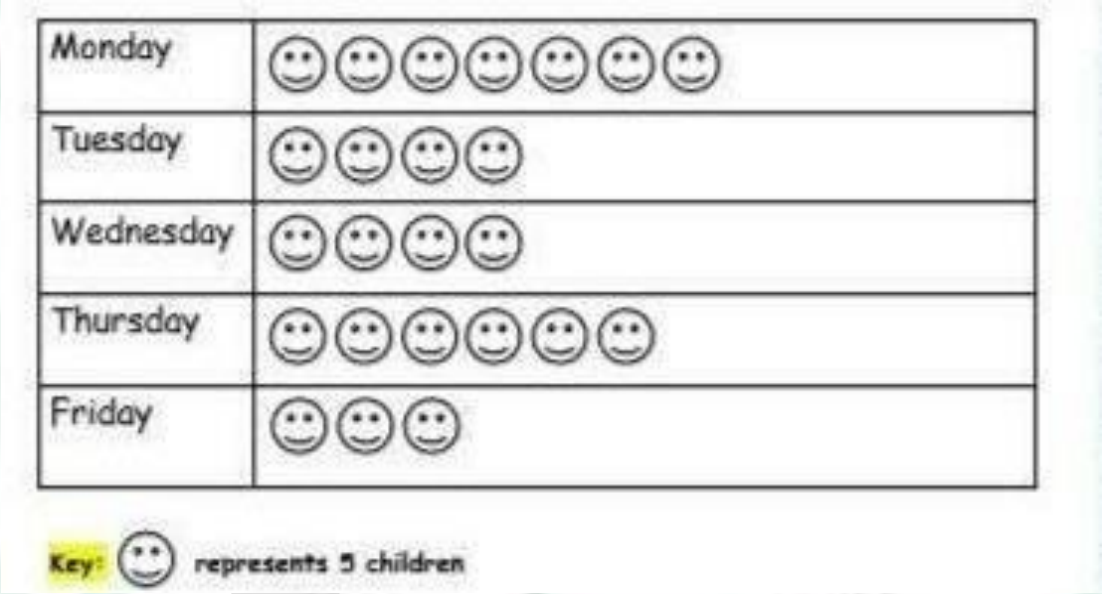
- **Key Points**

a. Data handling with pictograph

b. Tally marks

c. Roman number

Ex.1) This pictograph shows the number of student present in the class



on each working .

❖ Answer the following questions.

a) How many students are present on Thursday ? 30 (6 ×5)

b) On of which day of the week maximum student were present ?
Monday (35)

c) On of which day of the week least number of student were present ?
Friday (15)

d) On of which days of the week same number of student were present ? Tuesday and Wednesday (20)

Ex.2) Write " Tally marks" 1 to 10

1	𝍸	6	𝍸𝍸
2	𝍸𝍸	7	𝍸𝍸𝍸
3	𝍸𝍸𝍸	8	𝍸𝍸𝍸𝍸
4	𝍸𝍸𝍸𝍸	9	𝍸𝍸𝍸𝍸𝍸
5	𝍸	10	𝍸𝍸

Ex .3) Write "Roman numbers" 1 to 20

1	I	11	XI
2	II	12	XII
3	III	13	XIII
4	IV	14	XIV
5	V	15	XV
6	VI	16	XVI
7	VII	17	XVII
8	VIII	18	XVIII
9	IX	19	XIX
10	X	20	XX

THANK YOU