



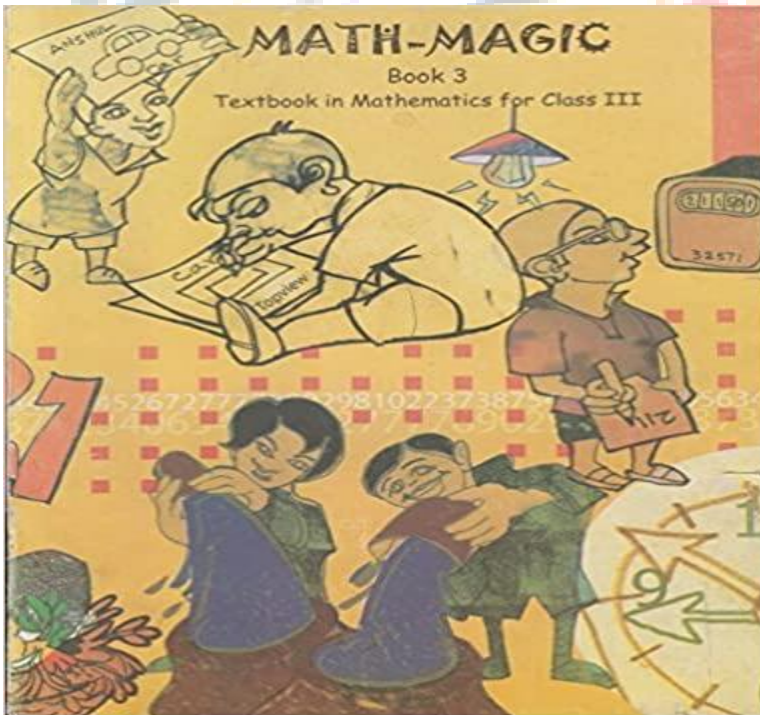
**પુણા International School**

**Shree Swaminarayan Gurukul, Zundal**

**CLASS – III**

**MATH MAGIC**

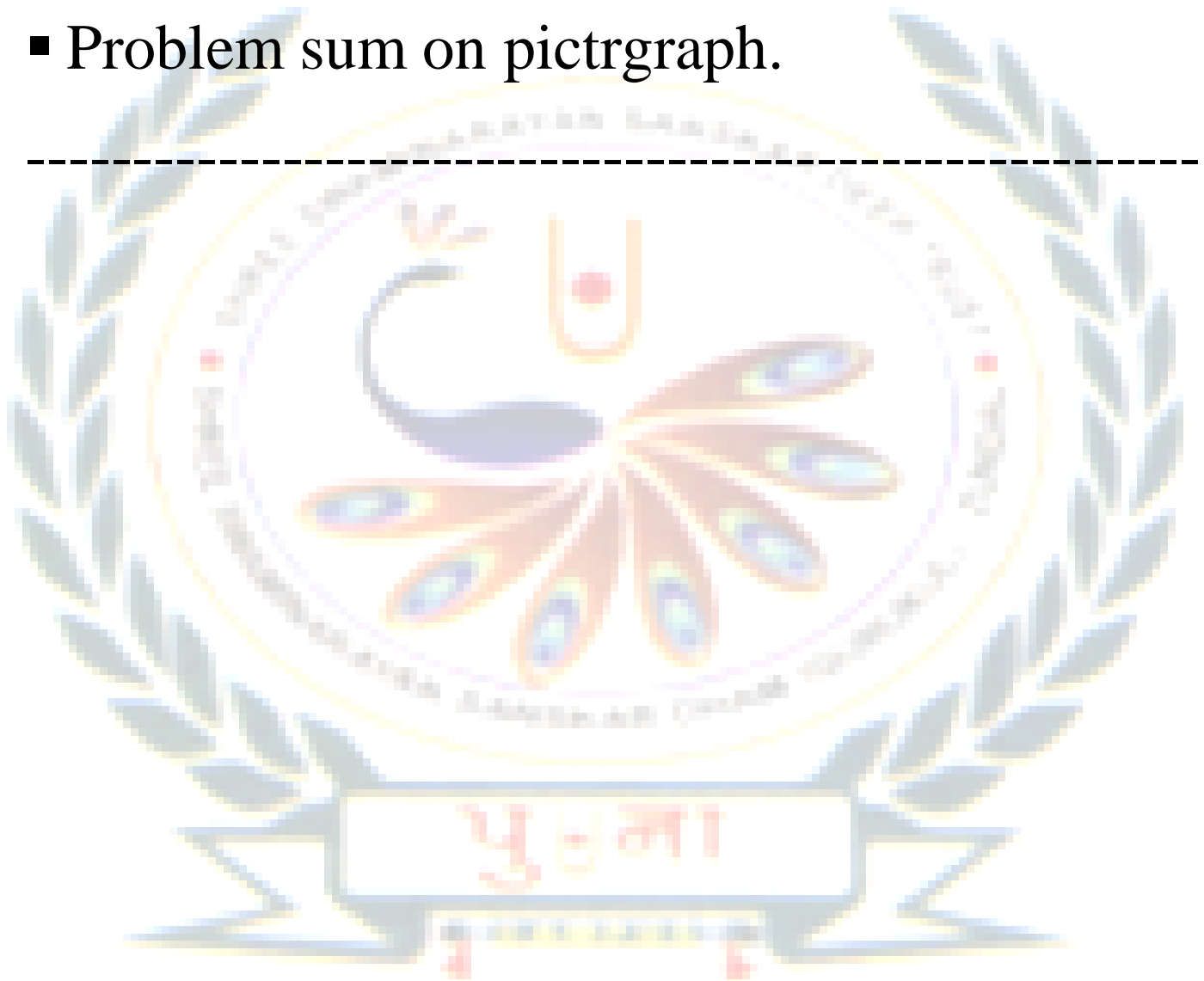
**STUDY MATERIALS**



## Chapter 13 - Smart charts!

### ❖ Summary

- Defination.
- Representation of no's using tally marks.
- Problem sums on tally marks.
- Problem sum on pictrgraph.



❖ Defination.

- Date: Collection of any information is data.
- Tally marks: Tally marks are a quick way of keeping track of no's in groups of 5.
- Tally chart: A tally chart is a table with tally marks to show a data set.
- Pictograph: A pictograph is away of showing data using images or pictures.

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❖ Representation of no's using tally marks.

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

## ❖ Problem sums on tally marks.

A. Write the tally marks for the number of stars below:

1) ☆ ☆ ☆ ☆ ☆ ||||

2) ☆ ☆ ☆ ☆ ||||

3) ☆ ☆ ||

4) ☆ ☆ ☆ ☆ ☆ ☆ ||||

5) ☆ ☆ ☆ |||

6) ☆ |

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B. Write the tally marks for the following numbers:

a) 7 - |||||

b) 8 - |||||

c) 15 - |||| ||||

d) 12 - |||| ||||

e) 17 - |||| |||| ||

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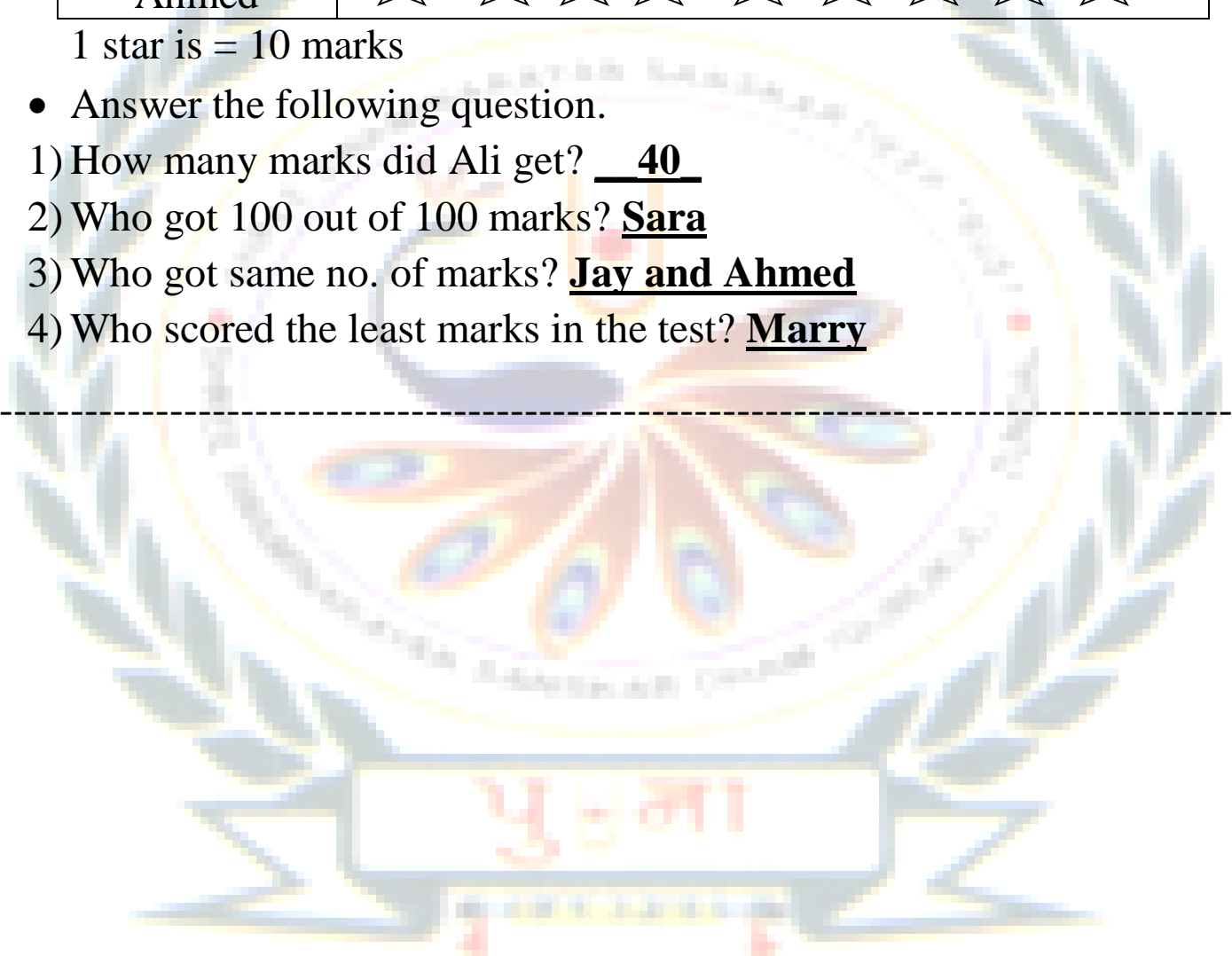
❖ Problem sum on pictograph.

- The pictograph below shows the no. of marks obtained by 6 students in their maths exam out of 100 total marks:

Name	Marks obtained
Sara	★ ★ ★ ★ ★ ★ ★ ★ ★ ★
Ali	★ ★ ★ ★
Marry	★ ★ ★
Jay	★ ★ ★ ★ ★ ★ ★ ★ ★ ★
Ahmed	★ ★ ★ ★ ★ ★ ★ ★ ★ ★

1 star is = 10 marks

- Answer the following question.
  - 1) How many marks did Ali get? 40
  - 2) Who got 100 out of 100 marks? Sara
  - 3) Who got same no. of marks? Jay and Ahmed
  - 4) Who scored the least marks in the test? Marry



## Chapter 14 – Rupees and paise

### ❖ Summary

- What is money?
- How many coins are needed.
- Addition of money
- Subtraction of money
- Conversions
- Activity



❖ What is money?

- Money can be defined as anything that people use to buy goods and services.
  - Money can be rupees and paise.
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❖ How many coins are needed?

- 1) How many Rs 2 coins are needed to make Rs 40? 20 coins.
  - 2) How many Rs 1 coins are needed to make Rs 21? 21 coins.
  - 3) How many Rs 5 coins are needed to make Rs 25? 5 coins.
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❖ Addition of money:

Rs	P
75	20
+ 40	60
<input type="text"/>	

Rs	P
29	40
+ 30	66
<input type="text"/>	

Rs	P
52	50
+ 40	90
<input type="text"/>	

Rs	P
25	66
+ 30	45
<input type="text"/>	

Rs	P
25	40
+ 28	70
<input type="text"/>	

Rs	P
75	80
+ 80	90
<input type="text"/>	

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❖ Subtraction of money:

Rs	P
35	60
- 30	28
<input type="text"/>	

Rs	P
60	50
- 42	40
<input type="text"/>	

Rs	P
25	25
- 15	75
<input type="text"/>	

Rs	P
39	40
- 31	70
<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	

Rs	P
55	65
- 50	28
<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	

Rs	P
84	91
- 50	97
<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	

❖ **Conversions:**

A. Convert Rupees to paise.

$$1 \text{ Re} = 100 \text{ p}$$

a)  $\text{Rs } 12 = 12 \times 100 = 1200 \text{ p}$

b)  $\text{Rs } 98 =$

c)  $\text{Rs } 31 =$

d)  $\text{Rs } 29 =$

e)  $\text{Rs } 74 =$

B. Convert paise to rupee

$$100 \text{ P} = 1 \text{ Re}$$

a)  $300 \text{ paise} = \frac{300}{100} = 3\text{Rs}$

b)  $1000 \text{ paise} =$

c)  $1200 \text{ paise} =$

d)  $3900 \text{ paise} =$

e)  $600 \text{ paise} =$



❖ Activity.

➤ Paste the picture of Indian currency notes and coins:



**Rupees Five Hundred**



**Rupees Two Thousand**



**Rupees One Hundred**



**Rupees Two Hundred**



**Rupees Fifty**



**Rupees Ten**

