

CLASS NOTES

CLASS: VI	DATE: 01/12/2021
SUBJECT: MATHEMATICS	TOPIC: DATA HANDLING

Exercise – 9.1

Q.1 In a Mathematics test, the following marks were obtained by 40 students. Arrange these marks in a table using tally marks.

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

Solution:

a) Number of students who obtained marks equal to or more than 7.

Ans: $5 + 4 + 3 = 12$

b) Number of students who obtained marks below 4.

Ans: $= 2 + 3 + 3 = 8.$

Marks Obtained	Tally Marks	Number of students
1		2
2		3
3		3
4		7
5		6
6		7
7		5
8		4
9		3
Total		40

Q.2 Following is the choice of sweets of 30 students of Class VI.

Ladoo, Barfi, Ladoo, Jalebi, Ladoo, Rasgulla, Jalebi, Ladoo, Barfi, Rasgulla, Ladoo, Jalebi, Jalebi, Rasgulla, Ladoo, Rasgulla, Jalebi, Ladoo, Rasgulla, Ladoo, Ladoo, Barfi, Rasgulla, Rasgulla, Jalebi, Rasgulla, Ladoo, Rasgulla, Jalebi, Ladoo.

Arrange the names of sweets in a table using tally marks. Which sweet is preferred by most of the students?









Solution

Ladoo is the most preferred sweet among students
i.e. 11 students

Marks Obtained	Tally Marks	Number of students
Ladoo		11
Barfi		3
Jalebi		7
Rasgulla		9
Total		30

Note: The above contents / document is prepared at home

Q.6 The sale of electric bulbs on different days of a week is shown below:

Days	Number of electric bulbs	 - 2 Bulbs
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

Observe the pictograph and answer the following questions:

(a) How many bulbs were sold on Friday?

Ans:(a) Number of bulbs sold on Friday are 14 bulbs.

(b) On which day were the maximum number of bulbs sold?

Ans(b) On Sunday highest number of bulbs i.e 18 are sold. Thus maximum number of bulbs were sold on Sunday

(c) On which of the days same number of bulbs were sold?

Ans: (c) On Wednesday and Saturday 8 bulbs are sold. Hence equal number of bulbs were sold on Wednesday and Saturday.








(d) On which of the days minimum number of bulbs were sold?

Ans: d) Minimum number of bulbs were sold on Wednesday and Saturday i.e 8 bulbs.

(e) If one big carton can hold 9 bulbs. How many cartons were needed in the given week?

Ans: Total number of bulbs sold in a week = 12 + 16 + 8 + 10 + 14 + 8 + 18 = 86

Q.7 In a village six fruit merchants sold the following number of fruit baskets in a particular season:

Name of Fruit merchants	Number of fruit baskets	 - 100 fruit baskets
Rahim		
Lakhan pal		
Anwar		
Martin		
Ranjit singh		
Joseph		

Note: The above contents / document is prepared at home

Observe this pictograph and answer the following questions:

(a) Which merchant sold the maximum number of baskets?

(b) How many fruit baskets were sold by Anwar?

(c) The merchants who have sold 600 or more number of baskets are planning to buy a godown for the next season. Can you name them?

Solutions:

From the pictograph, the number of fruit baskets sold by Rahim, Lakhanpal, Anwar, Martin, Ranjit Singh and Joseph are 400, 550, 700, 950, 800 and 450 respectively

(a) Martin sold the maximum number of fruit baskets i.e 950

(b) Anwar sold 700 fruit baskets

(c) Anwar, Martin and Ranjit Singh are the merchants who sold more than 600 fruit baskets. Hence, these are the merchants who are planning to buy a godown for the next season.

Home Work

Q.3,4,5

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