

Exercise 14.1

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Date _____

1. The height (in cm) of students of class 6th

116	117	125	116	118	120	125	125
121	124	117	116	115	119	121	117
124	119	123	120	116	121	119	116
116	118	125	116	119	123	122	
121	120						

Solⁿ Tabular form using tally marks.

height (in cm)	Tally Marks	No. of stds
115	I	1
116	IIII II	7
117	III	3
118	II	2
119	IIII	4
120	III	3
121	IIII	4
122	I	1
123	II	2
124	II	2
125	III	3
		<u>32</u>

2. The weight of 25 students (in kg) given below

25 34 32 28 25 28 34 32 32
 34 32 25 28 34 34 28 28 25
 32 33 32 34 33 32 25

Arrange the data in tabular form using tally marks.

Solⁿ

wt. of students (kg)	Tally Marks	No. of students
25		5
26	—	—
27	—	—
28		5
29	—	—
30	—	—
31	—	—
32		7
33		2
34		6
		25

3.

Ekta is asked to collect data for size of shoes of students in her class 6th. Her findings are recorded in the manner shown below.

5 4 7 5 6 7 6 5 6 6 5
 4 5 6 8 7 4 6 5 6 4 6
 5 7 6 7 5 7 6 4 8 7

Arrange the data in tabular form using tally marks.

Solⁿ

Size of shoes	Tally marks	No. of students
4		5
5		8
6		10
7		7
8		2
		<u>32</u>

4. Shweta threw a dice 40 times and noted the numbers appearing each time as shown below.

1 3 5 6 6 3 5 4 1 6
 2 5 3 4 6 1 5 5 6 1
 1 2 2 3 5 2 4 5 5 6
 5 1 6 2 3 5 2 4 1 5

Make a table and enter data in tally marks

i) The minimum number of times

Ans 4

ii) The maximum number of times

Ans 5

No. of dice	Tally Marks	Total No. appearing on dice
1		4
2		4
3		4
4		4
5		5
6		5
		<u>40</u>

5. The students of class 6th had a Maths test and scored marks out of 10,

3 7 6 2 5 9 10 8 7 1
8 4 3 5 6 7 8 7 6 5
3 6 9 8 7 5 9 6 7 8

i) Organise the data using tally marks

Scored Marks out of 10	Tally marks	Number of Students
1	I	1
2	II	1
3	III	3
4	I	1
5	IIII	4
6	IIII	5
7	IIII I	6
8	IIII	5
9	III	3
10	I	1

30

ii) How many students scored less than or equal to 6? Ans 15 students

iii) How many students scored more than 7? Ans 9 students