EduSahara™ Learning Center Assignment

Grade   : Class VI, CBSE
Chapter   : Data Handling
Name   : Constructing Frequency Distribution Tables
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The number of children in 18 families are given below.

Identify the frequency distribution table for the given data.

1.

0 , 3 , 1 , 3 , 0 , 2 , 2 , 5 , 2 , 1 , 1 , 5 , 5 , 0 , 3

0 , 2 , 2

(i)

No. of children	0	1	2	3	5
No. of families	4	3	5	3	3

(ii)

No. of children	0	1	2	3	5
No. of families	4	4	5	3	2

(iii)

No. of children	0	1	2	3	4	5
No. of families	5	5	4	1	1	2

(iv)

No. of children	0	1	2	3	5
No. of families	3	3	6	3	3

(v)

No. of children	0	1	2	3	4	5
No. of families	2	3	4	1	6	2

The following outcomes were noted when a dice was thrown 22 times.

Identify the frequency distribution table for the given data.

2.

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

4 , 4 , 3 , 2 , 3 , 1 , 3

(i)

Outcome	1	2	3	4	5	6
No. of outcomes	2	2	6	7	2	3

(ii)

Outcome	1	2	3	4	5	6
No. of outcomes	2	4	6	6	2	2

(iii)

Outcome	1	2	3	4	5
No. of outcomes	4	3	5	4	6

(iv)

Outcome	1	2	3	4	5	6
No. of outcomes	2	4	5	7	2	2

(v)

Outcome	1	2	3	4	5	6
No. of outcomes	2	5	5	6	2	2

The sale of shirts of various sizes at a shop on a particular day is given below.

Identify the frequency distribution table for the given data.

3.

36 , 22 , 38 , 38 , 26 , 29 , 28 , 37 , 34 , 32 , 24 , 31 , 31 , 24 , 37

31 , 21 , 21 , 28 , 35 , 20

(i)

Size	20	21	22	23	27	29	31	33	35	36	37	38	39	40
No. of Shirts	2	2	2	2	1	1	1	1	1	3	2	1	1	1

(ii)

Size	20	21	22	24	26	28	29	31	32	34	35	36	37	38
No. of Shirts	1	2	1	2	2	2	1	2	1	1	1	1	2	2

(iii)

Size	20	21	22	24	26	28	29	31	32	34	35	36	37	38
No. of Shirts	1	2	1	2	1	2	1	3	1	1	1	1	2	2

(iv)

Size	21	22	23	24	25	26	27	28	29	32	35	36	37	39	40
No. of Shirts	1	1	1	3	1	3	1	1	1	2	1	1	1	1	2

(v)

Size	20	21	22	24	26	28	29	31	32	35	36	37	38
No. of Shirts	1	2	1	2	1	2	1	3	1	1	1	2	3

Identify the frequency distribution table for the given heights of 10 students in cm

4.

156 , 171 , 175 , 178 , 167 , 173 , 151 , 163 , 163 , 173

(i)

Height (in cm)	156	163	167	171	173	175	178
No. of Students	1	2	1	2	2	1	1

(ii)

Height (in cm)	151	156	163	167	171	173	175	178
No. of Students	1	1	1	1	1	2	1	2

(iii)

Height (in cm)	151	154	159	167	168	169	170	174
No. of Students	1	1	1	1	1	3	1	1

(iv)

Height (in cm)	151	156	163	167	171	173	175	178
No. of Students	1	1	2	1	1	2	1	1

(v)	Height (in cm)	150	152	153	158	168	169	174	175	176	177
	No. of Students	1	1	1	1	1	1	1	1	1	1

5. Identify the frequency distribution table for the given ages of 15 students in years

22 , 13 , 16 , 12 , 25 , 15 , 19 , 25 , 19 , 13 , 22 , 24 , 14 , 17 , 17

(i)

Age (in years)	12	13	14	15	16	17	19	22	24	25
No. of Students	1	2	1	1	1	2	3	1	1	2

(ii)

Age (in years)	13	14	15	16	17	19	22	24	25
No. of Students	2	1	1	1	2	3	2	1	2

(iii)

Age (in years)	10	11	12	13	15	17	18	21	23	24	25
No. of Students	2	1	1	1	1	1	1	2	1	2	2

(iv)

Age (in years)	10	11	14	17	18	20	23	24
No. of Students	1	2	1	4	2	2	1	2

(v)

Age (in years)	12	13	14	15	16	17	19	22	24	25
No. of Students	1	2	1	1	1	2	2	2	1	2

Assignment Key

1) (i)
2) (v)
3) (iii)
4) (iv)
5) (v)