EduSahara™ Learning Center Assignment

Grade : Class VI, SSC
Chapter : Data Handling
Name : Constructing Frequency Distribution Tables
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The number of children in 20 families are given below.

Identify the frequency distribution table for the given data.

1.

5 , 1 , 3 , 3 , 4 , 1 , 4 , 3 , 2 , 1 , 0 , 2 , 2 , 0 , 4

1 , 5 , 1 , 5 , 5

(i)

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

(ii)

No. of children	0	1	2	3	4	5
No. of families	1	4	7	1	2	5

(iii)

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

(iv)

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

(v)

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

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

Identify the frequency distribution table for the given data.

2.

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

4 , 2 , 3 , 3 , 6 , 2 , 3

(i)

Outcome	1	2	3	4	5
No. of outcomes	5	9	1	2	5

(ii)

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

(iii)

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

(iv)

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

(v)

Outcome	1	2	3	4	6
No. of outcomes	1	4	8	5	4

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.

22 , 30 , 25 , 31 , 25 , 25 , 20 , 21 , 22 , 27 , 35 , 35 , 31 , 25 , 33

22 , 39 , 33

(i)

Size	20	23	26	27	29	30	32	35	37	38	39
No. of Shirts	1	1	2	1	1	1	2	2	3	1	3

(ii)

Size	24	25	27	28	31	32	33	35	36	37	38	39
No. of Shirts	2	1	1	1	1	2	2	1	2	1	1	3

(iii)

Size	20	21	22	25	27	30	31	33	35	39
No. of Shirts	1	1	3	4	1	1	2	2	2	1

(iv)

Size	20	21	22	25	27	30	31	33	35	39
No. of Shirts	1	1	3	4	1	1	1	2	3	1

(v)

Size	20	21	22	25	27	30	31	33	35	39
No. of Shirts	1	1	3	4	1	1	2	3	1	1

Identify the frequency distribution table for the given heights of 13 students in cm

4.   169 , 177 , 158 , 171 , 155 , 161 , 164 , 157 , 159 , 168

177 , 174 , 165

(i)

Height (in cm)	155	157	158	161	164	165	168	169	171	174	177
No. of Students	1	1	1	1	1	1	1	1	1	1	3

(ii)

Height (in cm)	155	157	158	159	161	164	165	168	169	171	174	177
No. of Students	1	1	1	1	1	1	1	1	1	1	1	2

(iii)

Height (in cm)	155	158	162	163	168	169	170	172	177	178	179	180
No. of Students	1	1	1	1	1	2	1	1	1	1	1	1

(iv)

Height (in cm)	155	157	158	159	161	164	165	169	171	174	177

No. of Students	1	1	1	1	1	1	1	1	1	1	3

(v)

Height (in cm)	152	153	158	159	160	161	162	166	169	170	171	177
No. of Students	1	1	1	1	1	1	1	1	1	1	2	1

5.
Identify the frequency distribution table for the given ages of 10 students in years

16 , 17 , 10 , 24 , 13 , 14 , 15 , 20 , 21 , 12

(i)

Age (in years)	10	12	13	15	16	17	20	21	24
No. of Students	1	1	1	1	2	1	1	1	1

(ii)

Age (in years)	10	12	13	14	15	16	17	20	21	24
No. of Students	1	1	1	1	1	1	1	1	1	1

(iii)

Age (in years)	10	11	18	19	21	22	23	25
No. of Students	1	1	1	2	2	1	1	1

(iv)

Age (in years)	10	12	13	14	15	16	17	20	24
No. of Students	1	1	2	1	1	1	1	1	1

(v)

Age (in years)	10	12	15	20	22	23	24
No. of Students	1	2	1	1	1	2	2

Assignment Key

1) (iv)
2) (ii)
3) (iii)
4) (ii)
5) (ii)