

EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE
Chapter : Data Handling
Name : Constructing Frequency Distribution Tables
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The number of children in 21 families are given below.

Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

The following outcomes were noted when a dice was thrown 21 times.

Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

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. 31 , 33 , 34 , 25 , 39 , 39 , 30 , 21 , 33 , 32 , 31 , 24 , 26 , 21 , 30
27 , 26 , 33 , 27 , 35 , 22

(i)

Size	21	22	24	25	26	27	30	31	32	33	34	35	39
No. of Shirts	1	1	1	2	2	2	2	2	1	3	1	1	2

(ii)

Size	21	24	25	26	27	30	31	32	33	34	35	39
No. of Shirts	2	1	1	2	2	2	2	1	3	1	1	3

(iii)

Size	20	21	22	24	25	27	30	31	32	34	38	39	40
No. of Shirts	1	1	1	1	3	2	2	1	2	2	1	2	2

(iv)

Size	22	23	24	25	26	27	28	29	30	33	34	35	36	38	39
No. of Shirts	3	1	2	1	2	1	2	2	1	1	1	1	1	1	1

(v)

Size	21	22	24	25	26	27	30	31	32	33	34	35	39
No. of Shirts	2	1	1	1	2	2	2	2	1	3	1	1	2

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

4. 178 , 168 , 164 , 177 , 160 , 180 , 167 , 178 , 172 , 164

(i)

Height (in cm)	151	152	153	155	157	158	159	162	170
No. of Students	1	1	1	2	1	1	1	1	1

(ii)

Height (in cm)	160	164	167	168	172	177	178	180
No. of Students	1	1	1	2	1	1	2	1

(iii)

Height (in cm)	164	167	168	172	177	178	180
No. of Students	2	1	1	1	1	3	1

(iv)

Height (in cm)	160	164	167	168	172	177	178	180
No. of Students	1	2	1	1	1	1	2	1

(v)

Height (in cm)	151	166	167	168	170	171	173	177	180
No. of Students	1	1	1	1	1	1	1	1	2

Identify the frequency distribution table for the given ages of 13 students in years

5. 14 , 20 , 14 , 18 , 11 , 15 , 15 , 16 , 17 , 11 , 25 , 15 , 14

(i)

Age (in years)	10	11	12	15	16	17	18	20	23	24	25
No. of Students	1	1	2	1	1	1	1	1	1	1	2

(ii)

Age (in years)	10	11	12	15	18	22	24	25
No. of Students	2	2	2	2	1	2	1	1

(iii)

Age (in years)	11	14	15	16	17	18	20
No. of Students	2	3	3	1	1	2	1

(iv)

Age (in years)	11	14	15	16	17	18	20	25
No. of Students	2	3	3	1	1	1	1	1

Assignment Key

- 1) (v)
- 2) (iv)
- 3) (v)
- 4) (iv)
- 5) (iv)