

Name: Constructing Frequency Distribution Tables

Chapter : Statistics

Grade: CBSE Grade IX

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Identify the frequency distribution table for the given heights of 15 students in cm 1 . 1 172 156 180 150 178 161 156 151 170 165 173 150 161 165 179

(i)	Height (in cm)	150	151	156	161	165	170	172	173	178	179	180
(1)	No. of Students	1	1	2	3	2	1	1	1	1	1	1

/::\	Height (in cm)	156	164	166	168	169	170	172	173	180
(11)	No. of Students	1	2	3	2	3	1	1	1	1

(iii)	Height (in cm)	150	151	156	161	165	170	172	173	178	179	180
(111)	No. of Students	2	1	2	2	2	1	1	1	1	1	1

(iv)	Height (in cm)	151	153	160	161	162	169	170	173	175	177	178	179	180	
1177	No. of Students	1	1	1	1	1	1	2	1	1	1	1	1	2	

(,,)	Height (in cm)	150	156	161	165	170	172	173	178	179	180
(V)	No. of Students	2	2	3	2	1	1	1	1	1	1

Identify the frequency distribution table for the given ages of 14 students in years

22 20 23 21 22 17 23 24 22 22 21 14 25 17

/i)	Age (in years)	17	20	21	22	23	24	25
(1)	No. of Students	2	1	2	5	2	1	1

(ii)	Age (in years)							20	21	23	25
(11)	No. of Students	1	1	1	2	2	1	1	1	3	1

(iv)	Age (in years)	10	12	13	14	16	18	20	21	23	24	25
(17)	No. of Students	1	3	1	1	1	1	1	1	2	1	1

The number of children in 21 families are given below. Identify the frequency distribution table for the given data.

^{3.} 1 3 5 1 3 4 4 1 0 4 2 2 2 2 1 1 2 2 1 1 3

(i)	No. of children							
(1)	No. of families	1	2	5	4	7	2	

/ii)	No. of children	0	1	2	3	4	5
(11)	No. of families	1	7	6	3	3	1

(iii)	No. of children						
(111)	No. of families	1	7	7	2	3	1

(iv) No. of children 0 1 2 3 4 5 No. of families 3 4 2 3 6 3 The following outcomes were noted when a dice was thrown 21 times. Identify the frequency distribution table for 4. the given data.

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

/i)	Outcome	1	2	3	4	5	6	/ii\
(1)	No. of outcomes	5	1	4	3	6	2	(11)

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

/iii)	Outcome	1	2	3	4	5	6	
(111)	No. of outcomes	4	1	6	3	6	1	

(iv)	Outcome	1	2	3	4	5	6
(10)	No. of outcomes	4	3	5	4	3	2

(v) Outcome 1 2 3 4 5 6
No. of outcomes 4 1 5 3 6 2

The sale of shirts of various sizes at a shop on a particular day is given below. Identify the frequency distribution 5. table for the given data.

22 35 31 34 40 26 34 36 28 34 38 34 27 37 27 28 20 28 31 36 28 30

(i)	Size	20	21	22	23	24	27	28	29	30	33	34	35	36	37
(1)	No. of Shirts	1	1	1	2	2	2	2	2	1	2	2	1	1	2

/ii\	Size	20	22	26	27	28	30	31	34	35	36	37	38	40
(11)	No. of Shirts	1	1	1	2	4	1	2	4	1	1	2	1	1

(i. a)	Size	20	22	26	27	28	30	31	34	35	36	37	38	40
(iv)	No. of Shirts	1	1	1	2	4	1	2	4	1	2	1	1	1

() ()	Size	20	22	23	24	26	27	28	29	30	33	34	35	36	37	38
(V)	No. of Shirts	1	2	1	1	1	2	2	1	3	1	2	1	1	1	2

Assignment Key										
1) (iii)	2) (iii)	3) (ii)	4) (v)	5) (iv)						

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