

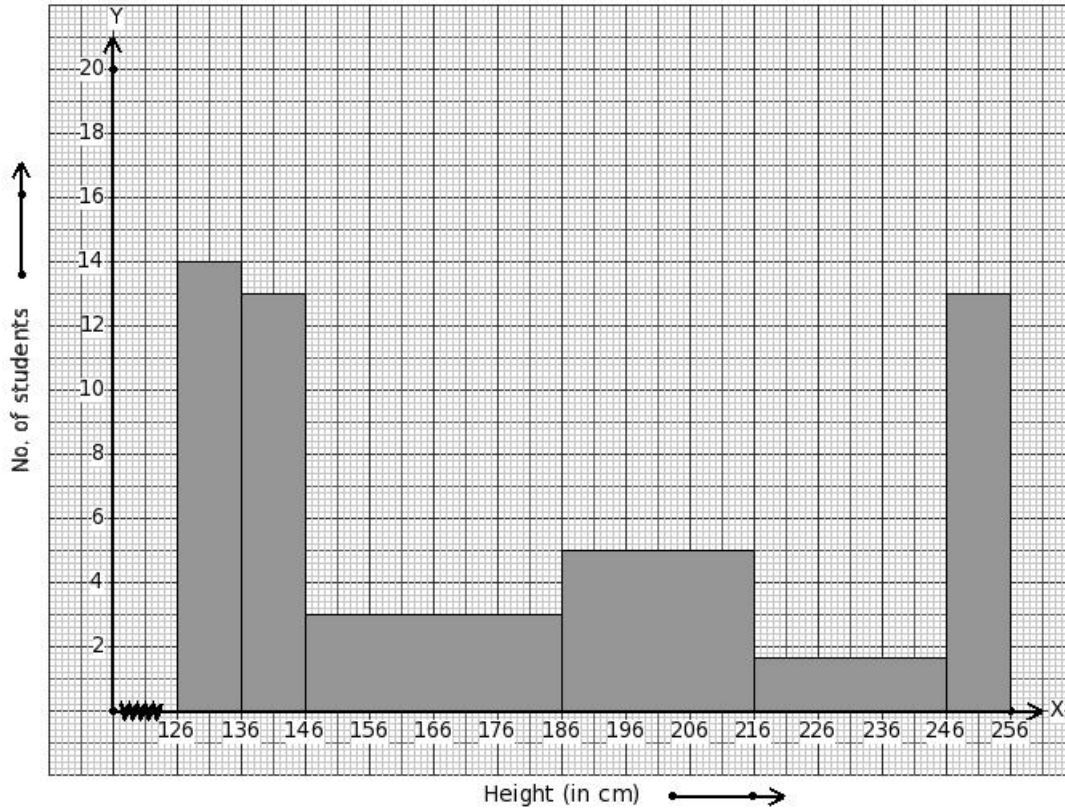
EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE

Chapter : Statistics

Name : Variable Width Histograms

1. Which of the following tables represent the given histogram with varying base widths



(i)

Height (in cm)	126 - 136	136 - 146	146 - 186	186 - 216	216 - 246	246 - 256
No. of students	14	13	3	10	2	13

(ii)

Height (in cm)	126 - 136	136 - 146	146 - 186	186 - 216	216 - 246	246 - 256
No. of students	14	13	12	12	5	13

(iii)

Height (in cm)	126 - 136	136 - 146	146 - 186	186 - 216	216 - 246	246 - 256
No. of students	14	13	3	5	2	13

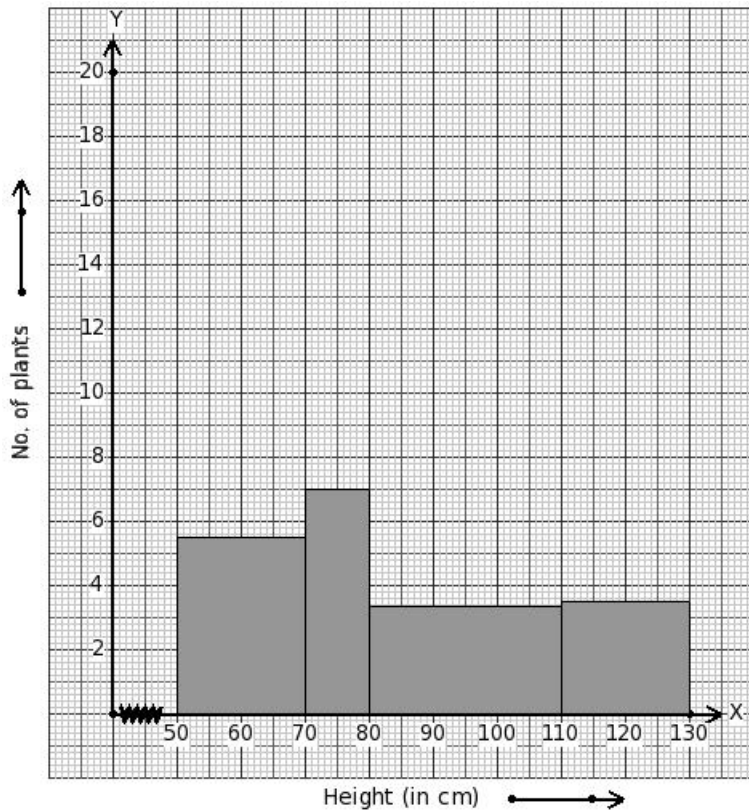
(iv)

Height (in cm)	126 - 136	136 - 146	146 - 186	186 - 216	216 - 246	246 - 256
No. of students	14	13	12	15	5	13

(v)

Height (in cm)	126 - 136	136 - 146	146 - 186	186 - 216	216 - 246	246 - 256
No. of students	14	13	9	15	5	13

2. Which of the following tables represent the given histogram with varying base widths



(i)

Height (in cm)	50 - 70	70 - 80	80 - 110	110 - 130
No. of plants	11	7	10	7

(ii)

Height (in cm)	50 - 70	70 - 80	80 - 110	110 - 130
No. of plants	6	7	5	4

(iii)

Height (in cm)	50 - 70	70 - 80	80 - 110	110 - 130
No. of plants	11	7	12	7

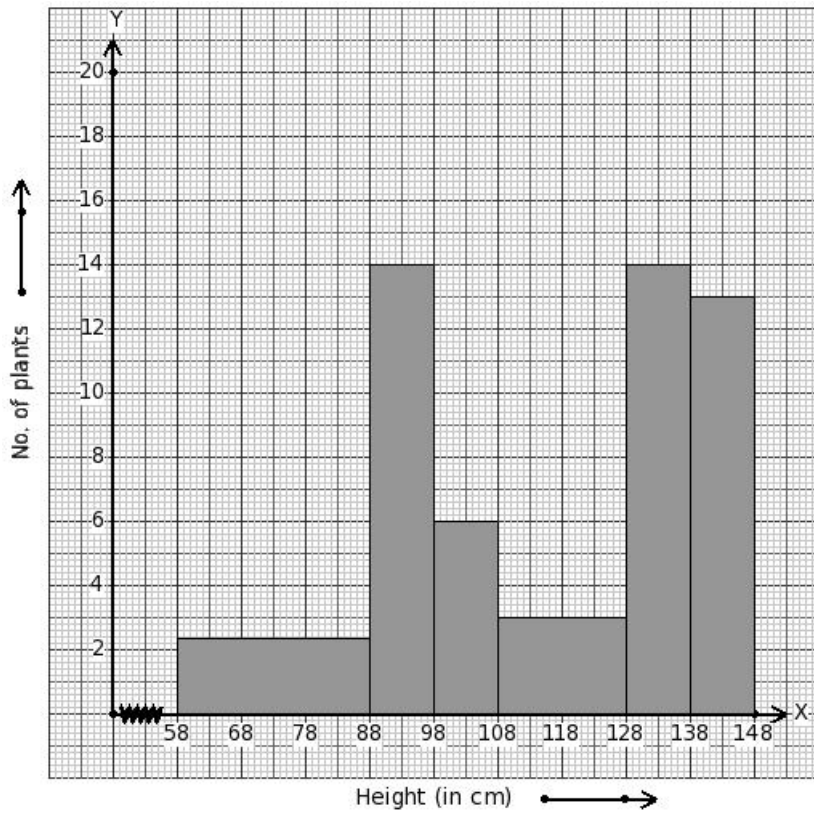
(iv)

Height (in cm)	50 - 70	70 - 80	80 - 110	110 - 130
No. of plants	6	7	3	4

(v)

Height (in cm)	50 - 70	70 - 80	80 - 110	110 - 130
No. of plants	11	12	10	7

3. Which of the following tables represent the given histogram with varying base widths



(i)

Height (in cm)	58 - 88	88 - 98	98 - 108	108 - 128	128 - 138	138 - 148
No. of plants	2	14	6	3	14	13

(ii)

Height (in cm)	58 - 88	88 - 98	98 - 108	108 - 128	128 - 138	138 - 148
No. of plants	7	14	6	4	14	13

(iii)

Height (in cm)	58 - 88	88 - 98	98 - 108	108 - 128	128 - 138	138 - 148
No. of plants	2	14	6	7	14	13

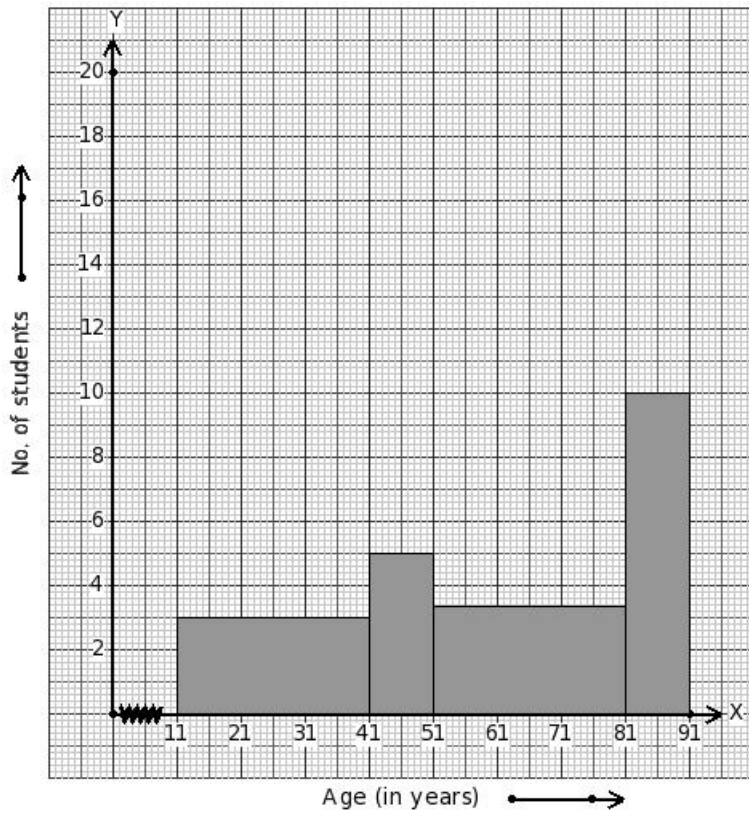
(iv)

Height (in cm)	58 - 88	88 - 98	98 - 108	108 - 128	128 - 138	138 - 148
No. of plants	7	14	6	6	14	13

(v)

Height (in cm)	58 - 88	88 - 98	98 - 108	108 - 128	128 - 138	138 - 148
No. of plants	7	14	9	6	14	13

4. Which of the following tables represent the given histogram with varying base widths



(i)

Age (in years)	11 - 41	41 - 51	51 - 81	81 - 91
No. of students	3	5	6	10

(ii)

Age (in years)	11 - 41	41 - 51	51 - 81	81 - 91
No. of students	9	1	10	10

(iii)

Age (in years)	11 - 41	41 - 51	51 - 81	81 - 91
No. of students	9	5	10	10

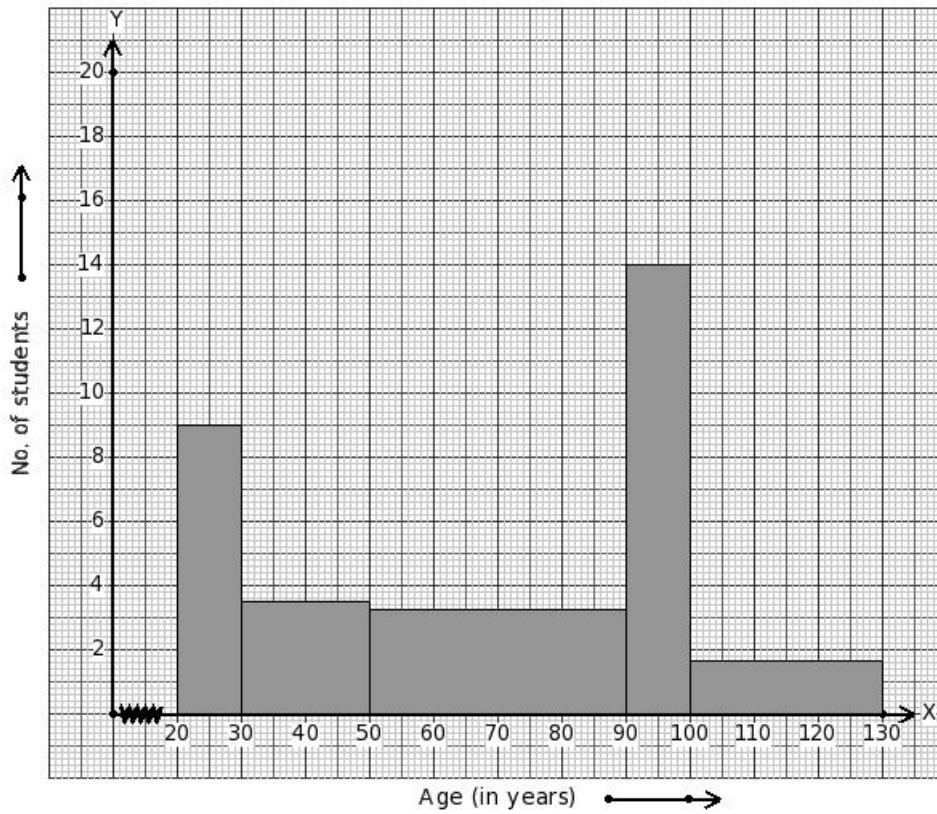
(iv)

Age (in years)	11 - 41	41 - 51	51 - 81	81 - 91
No. of students	3	5	3	10

(v)

Age (in years)	11 - 41	41 - 51	51 - 81	81 - 91
No. of students	9	5	8	10

5. Which of the following tables represent the given histogram with varying base widths



(i)

Age (in years)	20 - 30	30 - 50	50 - 90	90 - 100	100 - 130
No. of students	9	7	9	14	5

(ii)

Age (in years)	20 - 30	30 - 50	50 - 90	90 - 100	100 - 130
No. of students	9	7	13	14	5

(iii)

Age (in years)	20 - 30	30 - 50	50 - 90	90 - 100	100 - 130
No. of students	9	4	3	14	2

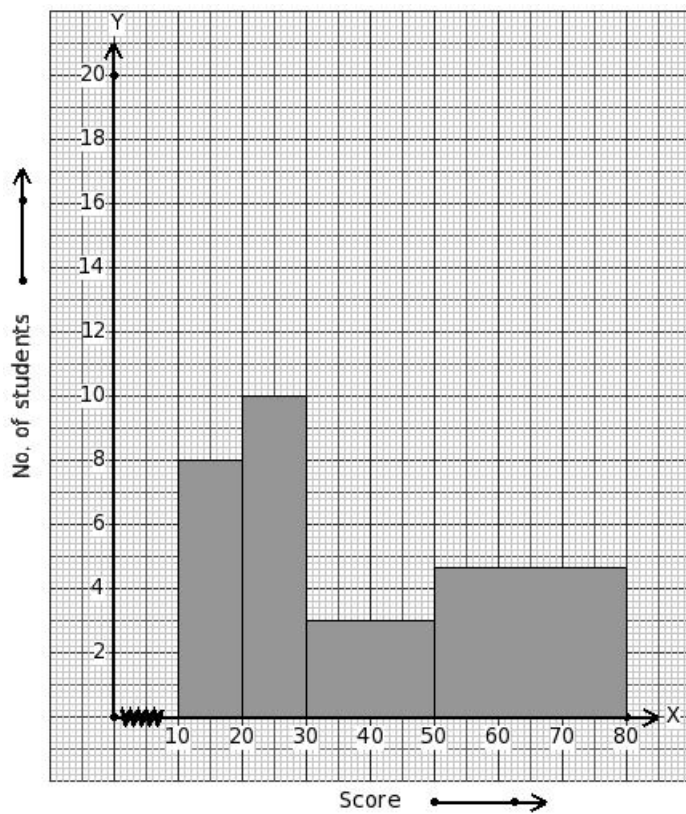
(iv)

Age (in years)	20 - 30	30 - 50	50 - 90	90 - 100	100 - 130
No. of students	9	12	13	14	5

(v)

Age (in years)	20 - 30	30 - 50	50 - 90	90 - 100	100 - 130
No. of students	9	4	7	14	2

6. Which of the following tables represent the given histogram with varying base widths



(i)

Score	10 - 20	20 - 30	30 - 50	50 - 80
No. of students	8	6	6	14

(ii)

Score	10 - 20	20 - 30	30 - 50	50 - 80
No. of students	8	10	3	5

(iii)

Score	10 - 20	20 - 30	30 - 50	50 - 80
No. of students	8	10	9	14

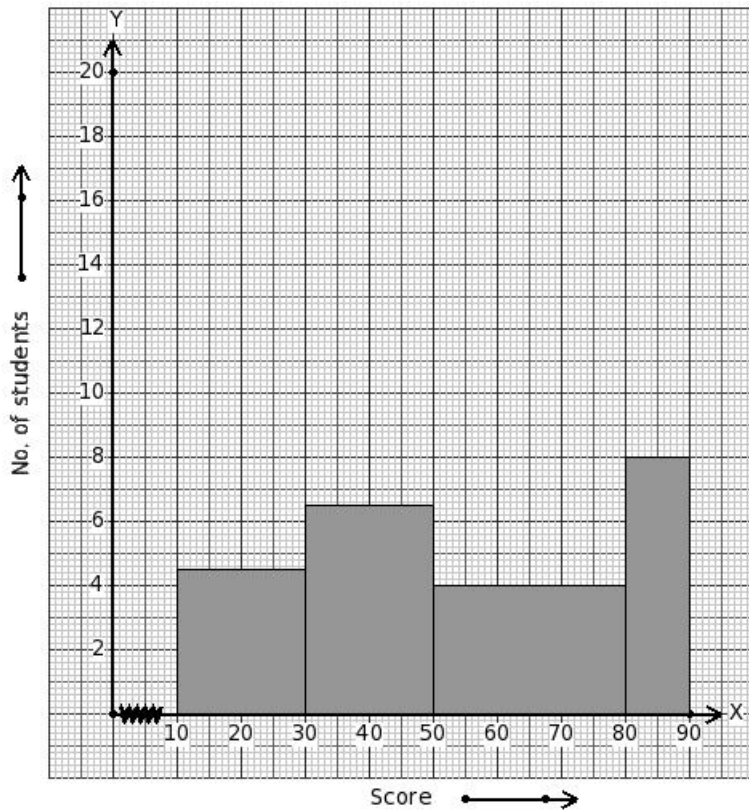
(iv)

Score	10 - 20	20 - 30	30 - 50	50 - 80
No. of students	8	10	1	5

(v)

Score	10 - 20	20 - 30	30 - 50	50 - 80
No. of students	8	10	6	14

7. Which of the following tables represent the given histogram with varying base widths



(i)

Score	10 - 30	30 - 50	50 - 80	80 - 90
No. of students	5	7	4	8

(ii)

Score	10 - 30	30 - 50	50 - 80	80 - 90
No. of students	9	9	12	8

(iii)

Score	10 - 30	30 - 50	50 - 80	80 - 90
No. of students	9	13	15	8

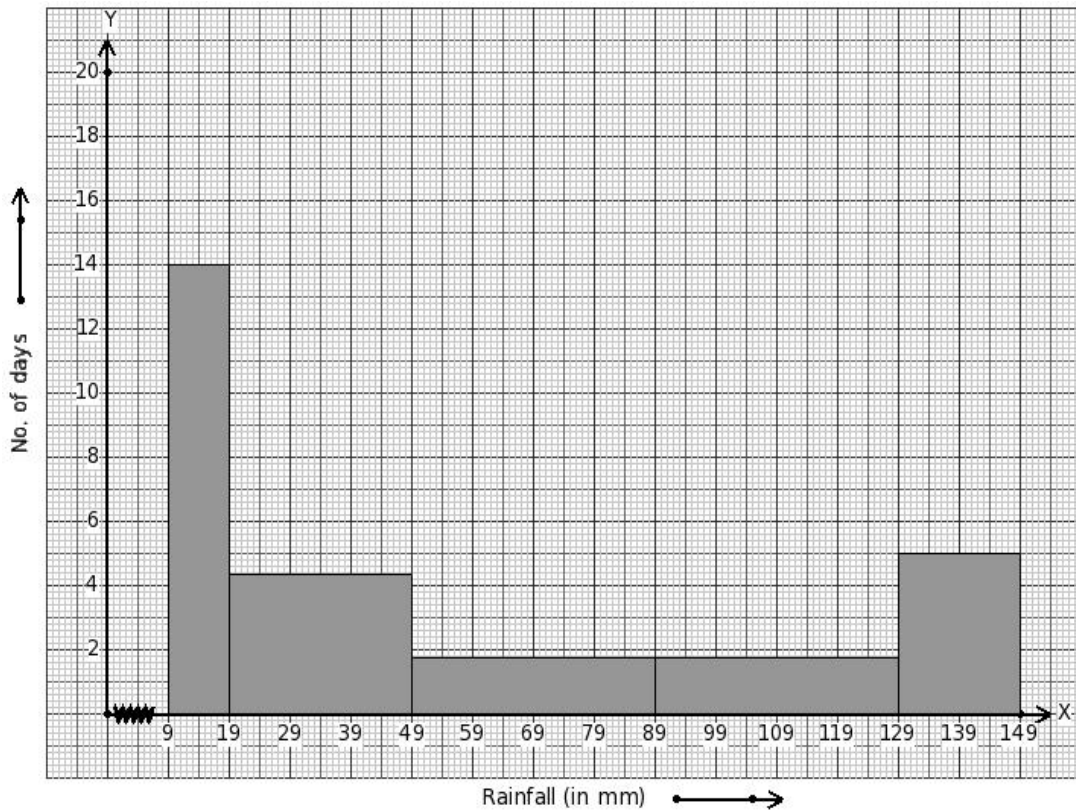
(iv)

Score	10 - 30	30 - 50	50 - 80	80 - 90
No. of students	9	13	12	8

(v)

Score	10 - 30	30 - 50	50 - 80	80 - 90
No. of students	5	7	1	8

8. Which of the following tables represent the given histogram with varying base widths



(i)

Rainfall (in mm)	9 - 19	19 - 49	49 - 89	89 - 129	129 - 149
No. of days	14	13	7	7	10

(ii)

Rainfall (in mm)	9 - 19	19 - 49	49 - 89	89 - 129	129 - 149
No. of days	14	15	7	7	10

(iii)

Rainfall (in mm)	9 - 19	19 - 49	49 - 89	89 - 129	129 - 149
No. of days	14	13	9	7	10

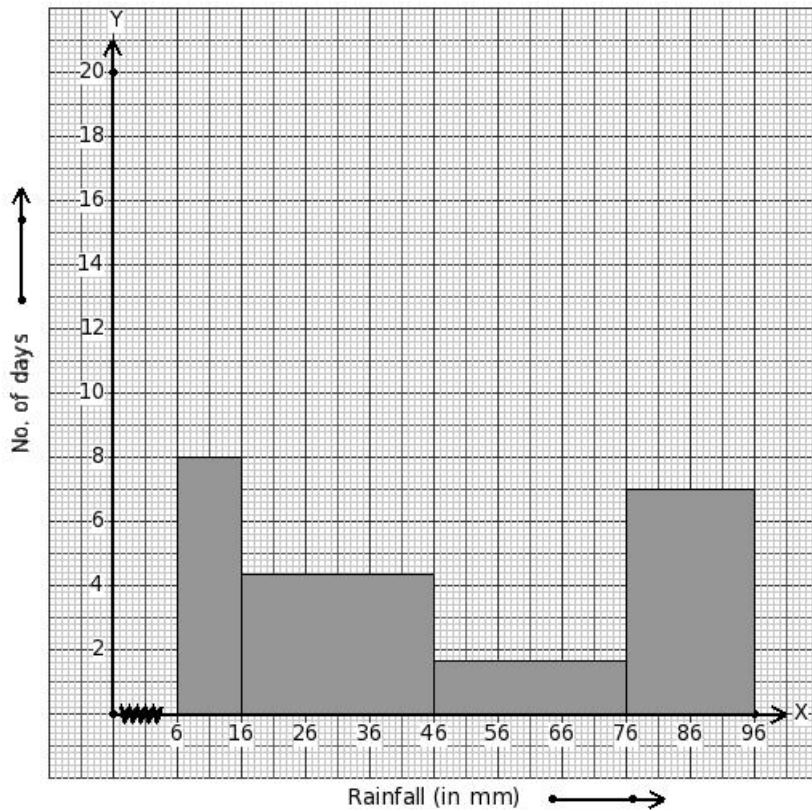
(iv)

Rainfall (in mm)	9 - 19	19 - 49	49 - 89	89 - 129	129 - 149
No. of days	14	4	7	2	5

(v)

Rainfall (in mm)	9 - 19	19 - 49	49 - 89	89 - 129	129 - 149
No. of days	14	4	2	2	5

9. Which of the following tables represent the given histogram with varying base widths



(i)

Rainfall (in mm)	6 - 16	16 - 46	46 - 76	76 - 96
No. of days	8	13	5	14

(ii)

Rainfall (in mm)	6 - 16	16 - 46	46 - 76	76 - 96
No. of days	8	9	5	14

(iii)

Rainfall (in mm)	6 - 16	16 - 46	46 - 76	76 - 96
No. of days	8	13	9	14

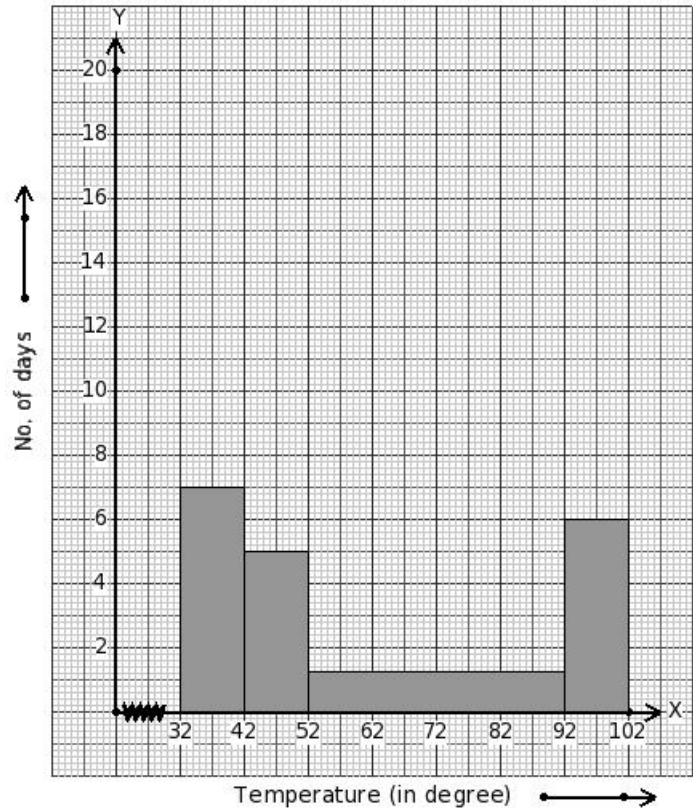
(iv)

Rainfall (in mm)	6 - 16	16 - 46	46 - 76	76 - 96
No. of days	8	4	2	7

(v)

Rainfall (in mm)	6 - 16	16 - 46	46 - 76	76 - 96
No. of days	8	4	5	7

10. Which of the following tables represent the given histogram with varying base widths



- (i)

Temperature (in degree)	32 - 42	42 - 52	52 - 92	92 - 102
No. of days	7	5	5	6
- (ii)

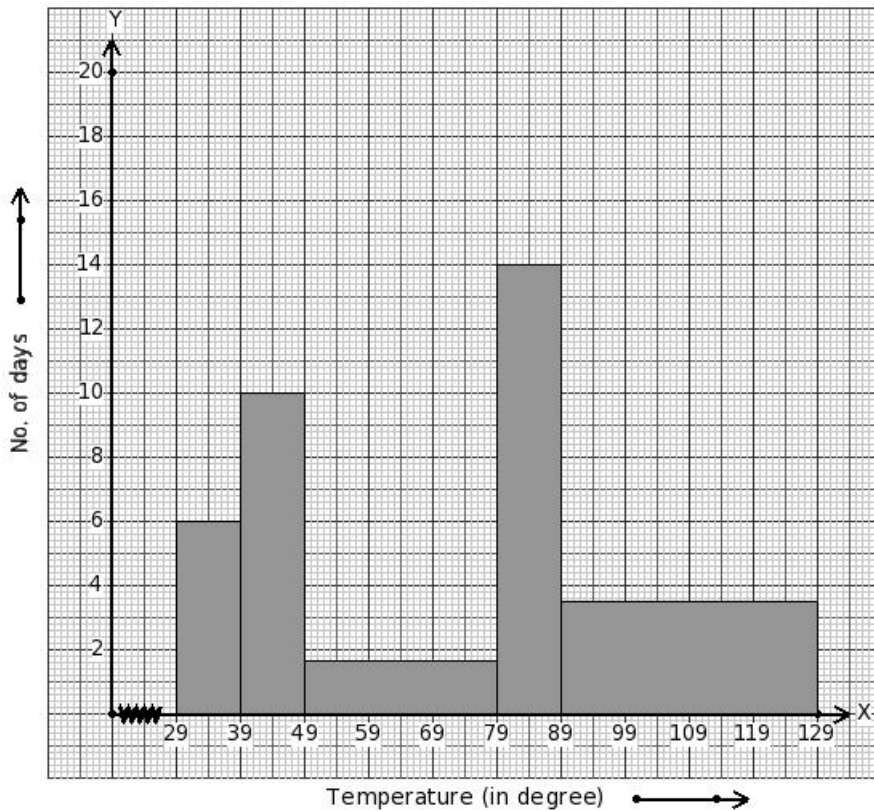
Temperature (in degree)	32 - 42	42 - 52	52 - 92	92 - 102
No. of days	7	5	9	6
- (iii)

Temperature (in degree)	32 - 42	42 - 52	52 - 92	92 - 102
No. of days	7	9	5	6
- (iv)

Temperature (in degree)	32 - 42	42 - 52	52 - 92	92 - 102
No. of days	7	5	1	6
- (v)

Temperature (in degree)	32 - 42	42 - 52	52 - 92	92 - 102
No. of days	7	5	3	6

11. Which of the following tables represent the given histogram with varying base widths



(i)

Temperature (in degree)	29 - 39	39 - 49	49 - 79	79 - 89	89 - 129
No. of days	6	7	5	14	14

(ii)

Temperature (in degree)	29 - 39	39 - 49	49 - 79	79 - 89	89 - 129
No. of days	6	10	5	14	4

(iii)

Temperature (in degree)	29 - 39	39 - 49	49 - 79	79 - 89	89 - 129
No. of days	6	10	5	14	14

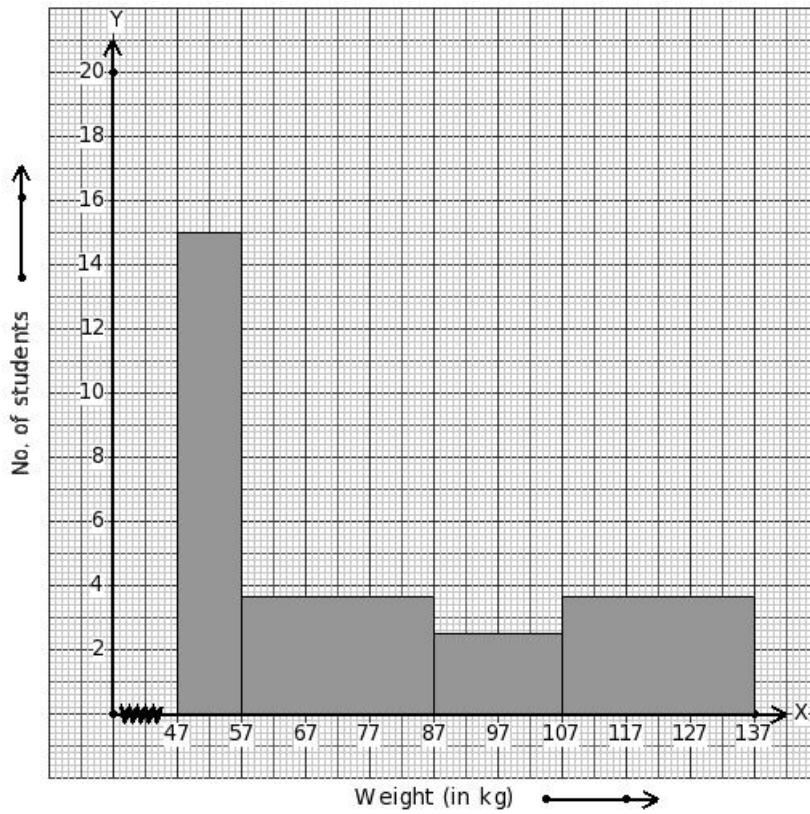
(iv)

Temperature (in degree)	29 - 39	39 - 49	49 - 79	79 - 89	89 - 129
No. of days	6	10	10	14	14

(v)

Temperature (in degree)	29 - 39	39 - 49	49 - 79	79 - 89	89 - 129
No. of days	6	10	2	14	4

12. Which of the following tables represent the given histogram with varying base widths



(i)

Weight (in kg)	47 - 57	57 - 87	87 - 107	107 - 137
No. of students	15	11	5	11

(ii)

Weight (in kg)	47 - 57	57 - 87	87 - 107	107 - 137
No. of students	15	4	3	4

(iii)

Weight (in kg)	47 - 57	57 - 87	87 - 107	107 - 137
No. of students	15	14	5	11

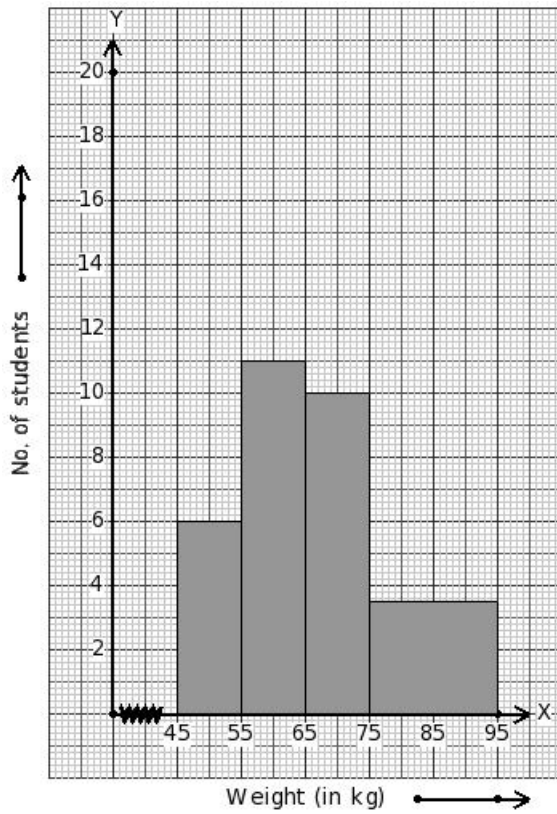
(iv)

Weight (in kg)	47 - 57	57 - 87	87 - 107	107 - 137
No. of students	15	11	10	11

(v)

Weight (in kg)	47 - 57	57 - 87	87 - 107	107 - 137
No. of students	15	4	6	4

13. Which of the following tables represent the given histogram with varying base widths



(i)

Weight (in kg)	45 - 55	55 - 65	65 - 75	75 - 95
No. of students	6	11	14	4

(ii)

Weight (in kg)	45 - 55	55 - 65	65 - 75	75 - 95
No. of students	6	11	6	7

(iii)

Weight (in kg)	45 - 55	55 - 65	65 - 75	75 - 95
No. of students	6	11	10	4

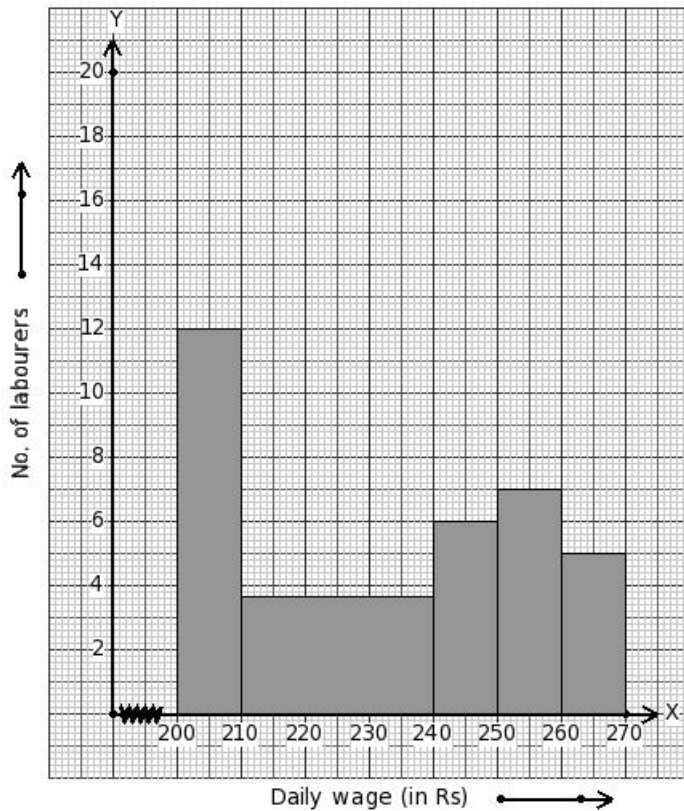
(iv)

Weight (in kg)	45 - 55	55 - 65	65 - 75	75 - 95
No. of students	6	9	10	7

(v)

Weight (in kg)	45 - 55	55 - 65	65 - 75	75 - 95
No. of students	6	11	10	7

14. Which of the following tables represent the given histogram with varying base widths



(i)

Daily wage (in Rs)	200 - 210	210 - 240	240 - 250	250 - 260	260 - 270
No. of labourers	12	4	6	7	5

(ii)

Daily wage (in Rs)	200 - 210	210 - 240	240 - 250	250 - 260	260 - 270
No. of labourers	12	4	4	7	5

(iii)

Daily wage (in Rs)	200 - 210	210 - 240	240 - 250	250 - 260	260 - 270
No. of labourers	12	11	6	7	5

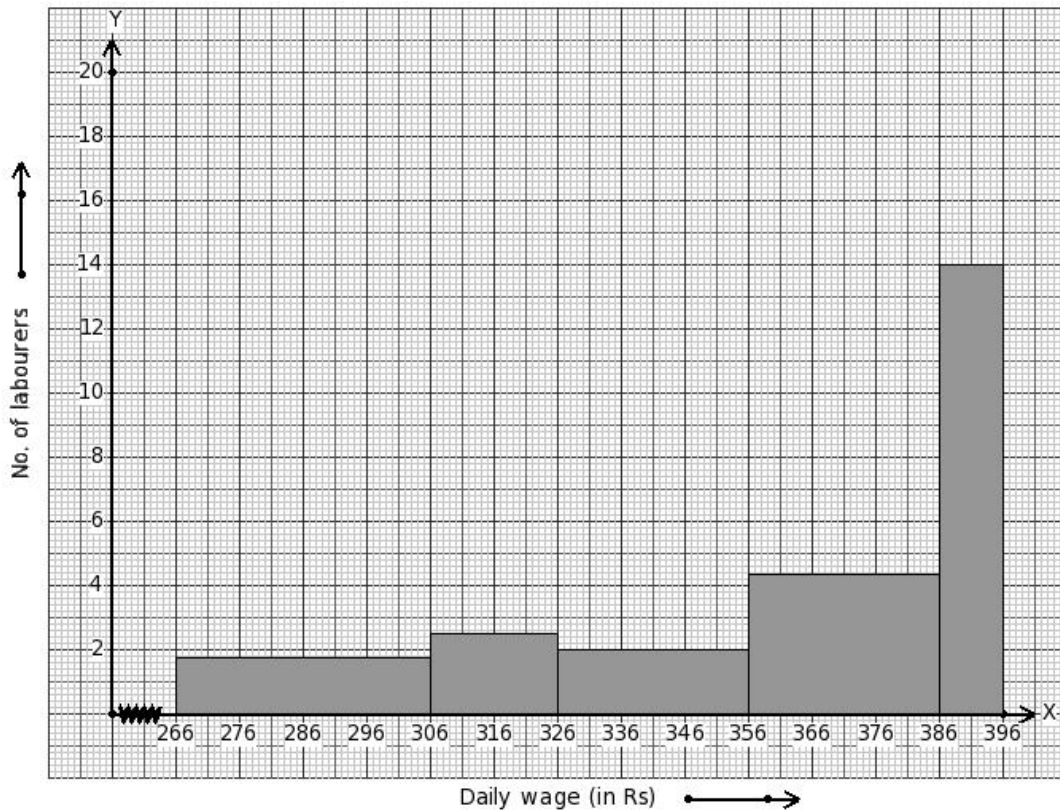
(iv)

Daily wage (in Rs)	200 - 210	210 - 240	240 - 250	250 - 260	260 - 270
No. of labourers	12	11	1	7	5

(v)

Daily wage (in Rs)	200 - 210	210 - 240	240 - 250	250 - 260	260 - 270
No. of labourers	12	9	6	7	5

15. Which of the following tables represent the given histogram with varying base widths



(i)

Daily wage (in Rs)	266 - 306	306 - 326	326 - 356	356 - 386	386 - 396
No. of labourers	7	3	6	13	14

(ii)

Daily wage (in Rs)	266 - 306	306 - 326	326 - 356	356 - 386	386 - 396
No. of labourers	7	5	6	13	14

(iii)

Daily wage (in Rs)	266 - 306	306 - 326	326 - 356	356 - 386	386 - 396
No. of labourers	2	3	2	4	14

(iv)

Daily wage (in Rs)	266 - 306	306 - 326	326 - 356	356 - 386	386 - 396
No. of labourers	2	3	5	4	14

(v)

Daily wage (in Rs)	266 - 306	306 - 326	326 - 356	356 - 386	386 - 396
No. of labourers	7	5	10	13	14

Assignment Key

- 1) (iv)
- 2) (i)
- 3) (iv)
- 4) (iii)
- 5) (ii)
- 6) (v)
- 7) (iv)
- 8) (i)
- 9) (i)
- 10) (i)
- 11) (iii)
- 12) (i)
- 13) (v)
- 14) (iii)
- 15) (ii)