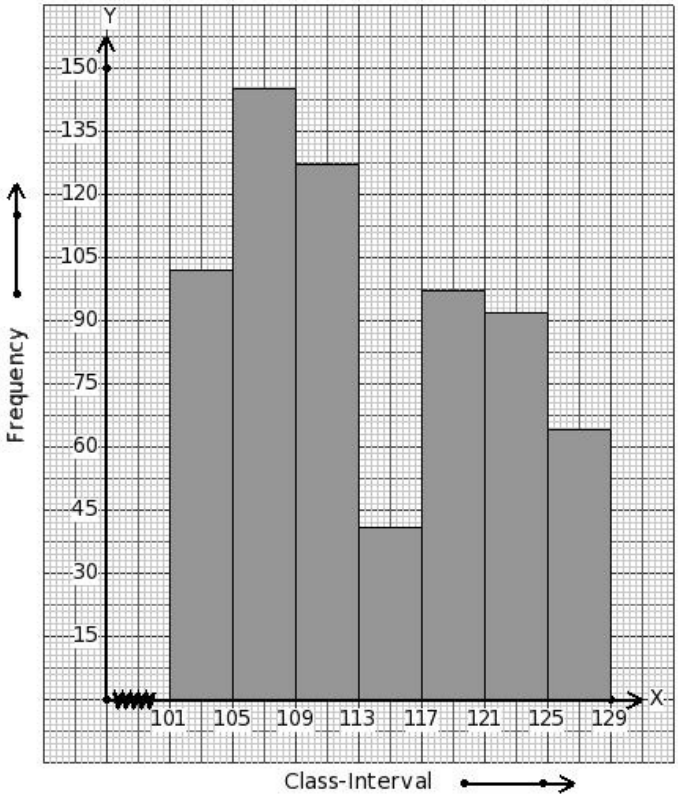
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1. Identify the class interval table for the given histogram.



(i)

Class-Interval	101 - 105	105 - 109	109 - 113	113 - 117	117 - 121	121 - 125	125 - 129
Frequency	102	145	127	41	97	92	64

(ii)

Class-Interval	101 - 105	105 - 109	109 - 113	113 - 117	117 - 121	121 - 125	125 - 129
Frequency	102	145	127	43	97	92	64

(iii)

Class-Interval	101 - 105	105 - 109	109 - 113	113 - 117	117 - 121	121 - 125	125 - 129
Frequency	102	64	127	41	97	92	145

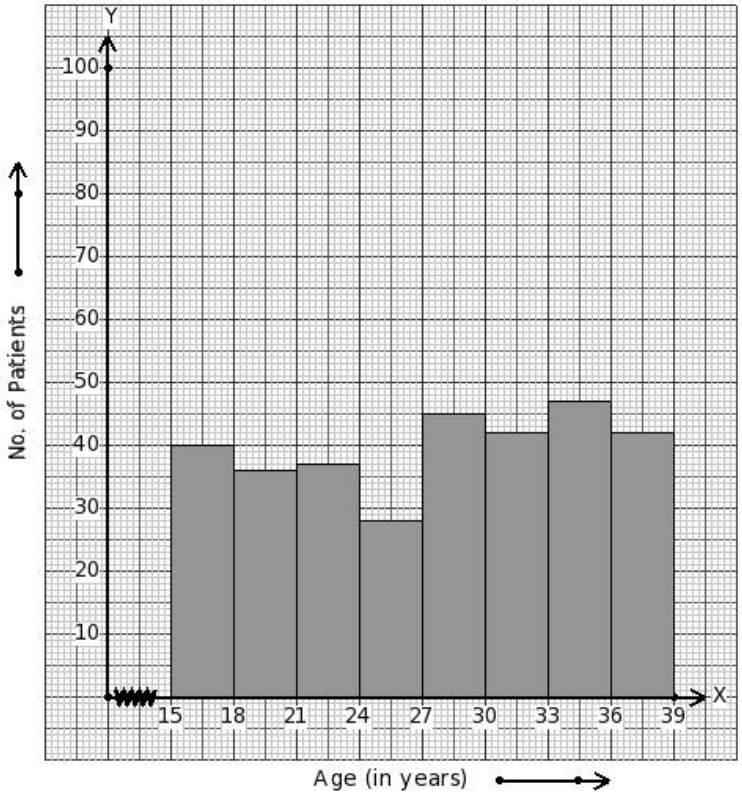
(iv)

Class-Interval	101 - 105	105 - 109	109 - 113	113 - 117	117 - 121	121 - 125	125 - 129
Frequency	102	145	124	41	97	92	64

(v)

Class-Interval	101 - 105	105 - 109	109 - 113	113 - 117	117 - 121	121 - 125	125 - 129
Frequency	102	127	145	41	97	92	64

2. In a study of heart patients, the following observations are obtained. Identify the class interval table for the given histogram.



(i)

Age (in years)	15 - 18	18 - 21	21 - 24	24 - 27	27 - 30	30 - 33	33 - 36	36 - 39
No. of Patients	40	36	40	28	45	42	47	42

(ii)

Age (in years)	15 - 18	18 - 21	21 - 24	24 - 27	27 - 30	30 - 33	33 - 36	36 - 39
No. of Patients	40	42	37	28	45	42	47	36

(iii)

Age (in years)	15 - 18	18 - 21	21 - 24	24 - 27	27 - 30	30 - 33	33 - 36	36 - 39
No. of Patients	40	36	37	28	45	42	47	42

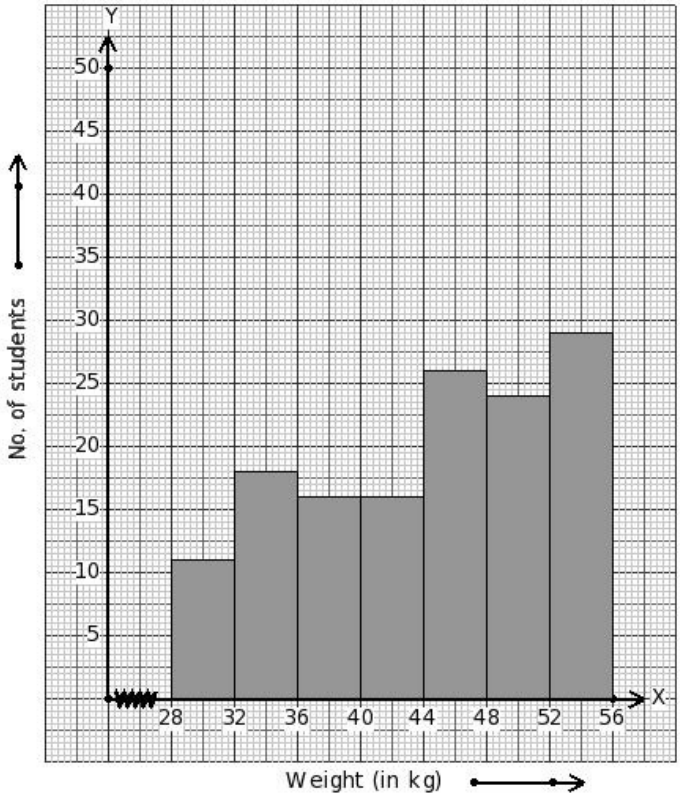
(iv)

Age (in years)	15 - 18	18 - 21	21 - 24	24 - 27	27 - 30	30 - 33	33 - 36	36 - 39
No. of Patients	40	36	28	37	45	42	47	42

(v)

Age (in years)	15 - 18	18 - 21	21 - 24	24 - 27	27 - 30	30 - 33	33 - 36	36 - 39
No. of Patients	40	36	37	28	50	42	47	42

3. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	28 - 32	32 - 36	36 - 40	40 - 44	44 - 48	48 - 52	52 - 56
No. of students	11	18	11	16	26	24	29

(ii)

Weight (in kg)	28 - 32	32 - 36	36 - 40	40 - 44	44 - 48	48 - 52	52 - 56
No. of students	11	29	16	16	26	24	18

(iii)

Weight (in kg)	28 - 32	32 - 36	36 - 40	40 - 44	44 - 48	48 - 52	52 - 56
No. of students	11	18	16	16	26	24	29

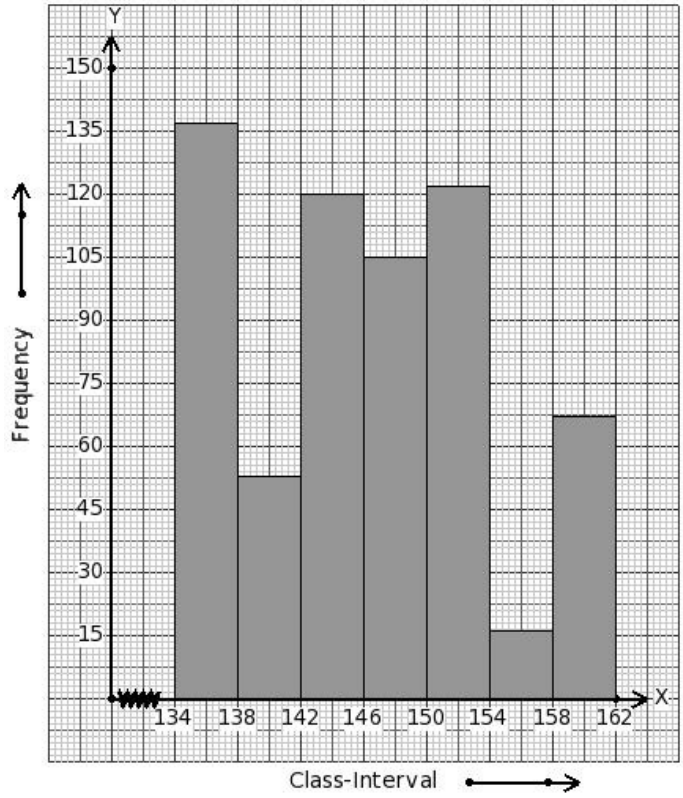
(iv)

Weight (in kg)	28 - 32	32 - 36	36 - 40	40 - 44	44 - 48	48 - 52	52 - 56
No. of students	11	18	16	20	26	24	29

(v)

Weight (in kg)	28 - 32	32 - 36	36 - 40	40 - 44	44 - 48	48 - 52	52 - 56
No. of students	11	16	18	16	26	24	29

4. Identify the class interval table for the given histogram.



(i)

Class-Interval	134 - 138	138 - 142	142 - 146	146 - 150	150 - 154	154 - 158	158 - 162
Frequency	137	67	120	105	122	16	53

(ii)

Class-Interval	134 - 138	138 - 142	142 - 146	146 - 150	150 - 154	154 - 158	158 - 162
Frequency	137	53	123	105	122	16	67

(iii)

Class-Interval	134 - 138	138 - 142	142 - 146	146 - 150	150 - 154	154 - 158	158 - 162
Frequency	137	120	53	105	122	16	67

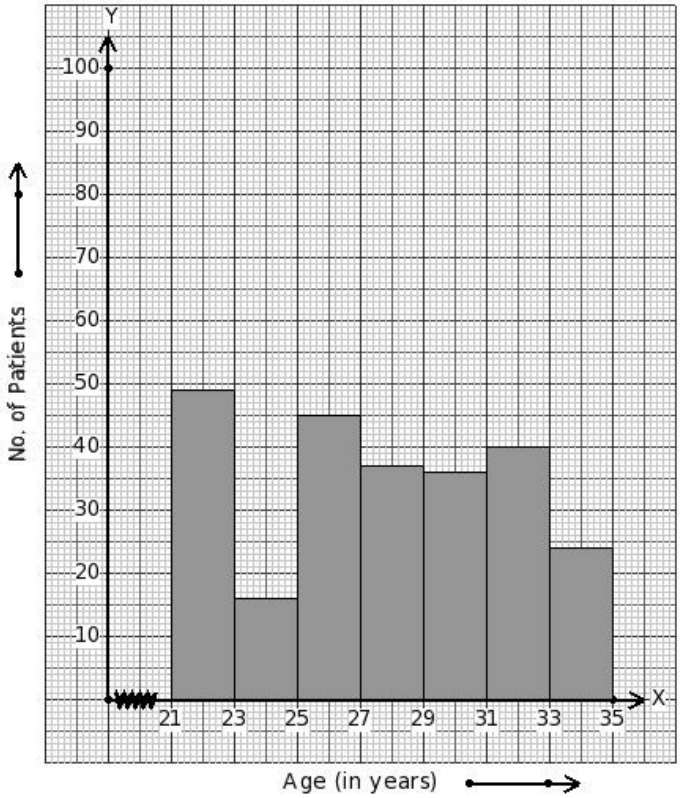
(iv)

Class-Interval	134 - 138	138 - 142	142 - 146	146 - 150	150 - 154	154 - 158	158 - 162
Frequency	137	53	120	105	122	16	67

(v)

Class-Interval	134 - 138	138 - 142	142 - 146	146 - 150	150 - 154	154 - 158	158 - 162
Frequency	137	53	120	107	122	16	67

5. In a study of heart patients, the following observations are obtained. Identify the class interval table for the given histogram.



(i)

Age (in years)	21 - 23	23 - 25	25 - 27	27 - 29	29 - 31	31 - 33	33 - 35
No. of Patients	49	16	45	37	36	40	24

(ii)

Age (in years)	21 - 23	23 - 25	25 - 27	27 - 29	29 - 31	31 - 33	33 - 35
No. of Patients	49	16	45	34	36	40	24

(iii)

Age (in years)	21 - 23	23 - 25	25 - 27	27 - 29	29 - 31	31 - 33	33 - 35
No. of Patients	49	16	41	37	36	40	24

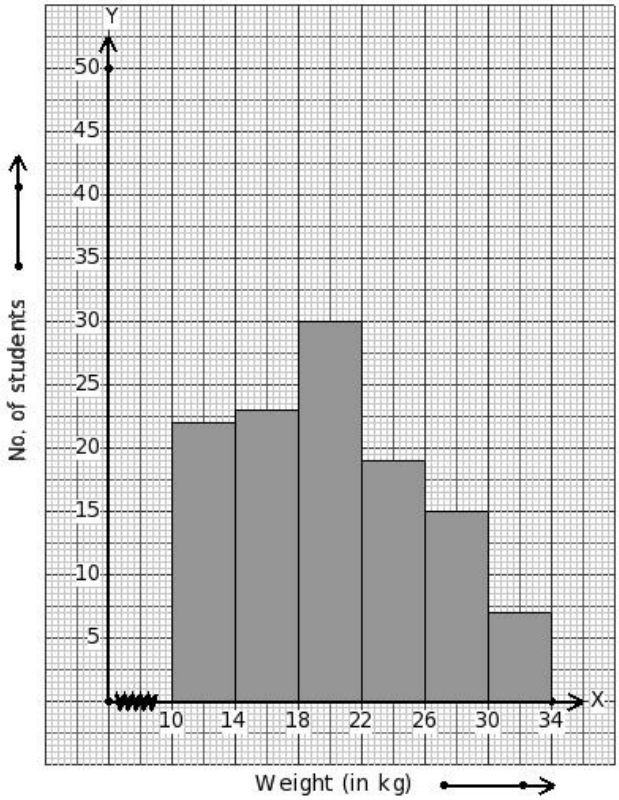
(iv)

Age (in years)	21 - 23	23 - 25	25 - 27	27 - 29	29 - 31	31 - 33	33 - 35
No. of Patients	49	45	16	37	36	40	24

(v)

Age (in years)	21 - 23	23 - 25	25 - 27	27 - 29	29 - 31	31 - 33	33 - 35
No. of Patients	49	24	45	37	36	40	16

6. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	10 - 14	14 - 18	18 - 22	22 - 26	26 - 30	30 - 34
No. of students	22	23	30	19	15	7

(ii)

Weight (in kg)	10 - 14	14 - 18	18 - 22	22 - 26	26 - 30	30 - 34
No. of students	22	23	33	19	15	7

(iii)

Weight (in kg)	10 - 14	14 - 18	18 - 22	22 - 26	26 - 30	30 - 34
No. of students	22	7	30	19	15	23

(iv)

Weight (in kg)	10 - 14	14 - 18	18 - 22	22 - 26	26 - 30	30 - 34
No. of students	22	30	23	19	15	7

(v)

Weight (in kg)	10 - 14	14 - 18	18 - 22	22 - 26	26 - 30	30 - 34
No. of students	22	23	30	23	15	7

7. A histogram consists of

(i) rectangles (ii) triangles (iii) sectors (iv) squares

8. The width of the rectangles in a histogram represents

(i) mid values of the class (ii) number of classes (iii) frequency of the class (iv) class interval

9. In a histogram

(i) the lengths and widths of all rectangles are equal (ii) the width of all rectangles are equal

(iii) the length and width of each rectangle are in proportion (iv) the lengths of all rectangles are equal

Assignment Key

1) (i)	2) (iii)	3) (iii)	4) (iv)	5) (i)	6) (i)
7) (i)	8) (iv)	9) (ii)			

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