

EduSahara™ Learning Center Assignment

Grade : Class X, CBSE

Chapter : Statistics

Name : Ogives

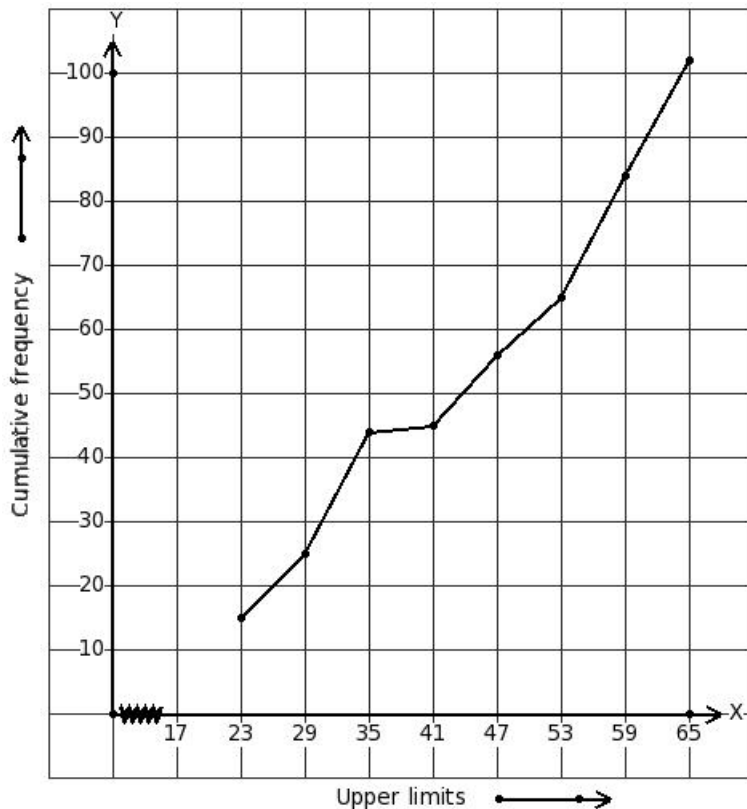
1. Less than cumulative curves are drawn using

- (i) mid values of classes and less than cumulative frequencies
- (ii) lower boundaries of classes and greater than cumulative frequencies
- (iii) lower boundaries of classes and less than cumulative frequencies
- (iv) upper boundaries of classes and less than cumulative frequencies

2. Greater than cumulative curves are drawn using

- (i) lower boundaries of classes and greater than cumulative frequencies
- (ii) mid values of classes and greater than cumulative frequencies
- (iii) upper boundaries of classes and greater than cumulative frequencies
- (iv) upper boundaries of classes and less than cumulative frequencies

3. Identify the frequency distribution table for the given ogive.



(i)

Class-Interval	17 - 23	23 - 29	29 - 35	35 - 41	41 - 47	47 - 53	53 - 59	59 - 65
Frequency	14	5	13	17	13	4	14	9

(ii)

Class-Interval	17 - 23	23 - 29	29 - 35	35 - 41	41 - 47	47 - 53	53 - 59	59 - 65
Frequency	15	10	19	1	11	9	19	18

(iii)

Class-Interval	17 - 23	23 - 29	29 - 35	35 - 41	41 - 47	47 - 53	53 - 59	59 - 65
Frequency	9	15	11	19	3	9	16	10

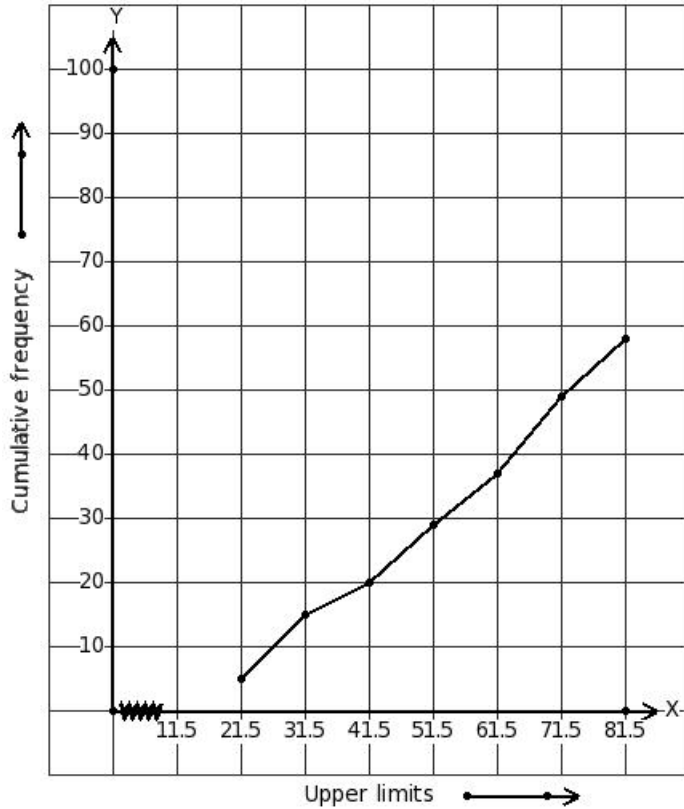
(iv)

Class-Interval	17 - 23	23 - 29	29 - 35	35 - 41	41 - 47	47 - 53	53 - 59	59 - 65
Frequency	15	20	15	12	6	13	15	13

(v)

Class-Interval	17 - 23	23 - 29	29 - 35	35 - 41	41 - 47	47 - 53	53 - 59	59 - 65
Frequency	5	8	6	7	1	7	19	3

4. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	12 - 21	22 - 31	32 - 41	42 - 51	52 - 61	62 - 71	72 - 81
Frequency	3	17	4	15	20	9	15

(ii)

Class-Interval	12 - 21	22 - 31	32 - 41	42 - 51	52 - 61	62 - 71	72 - 81
Frequency	10	13	1	14	19	5	8

(iii)

Class-Interval	12 - 21	22 - 31	32 - 41	42 - 51	52 - 61	62 - 71	72 - 81
Frequency	17	2	7	4	4	2	3

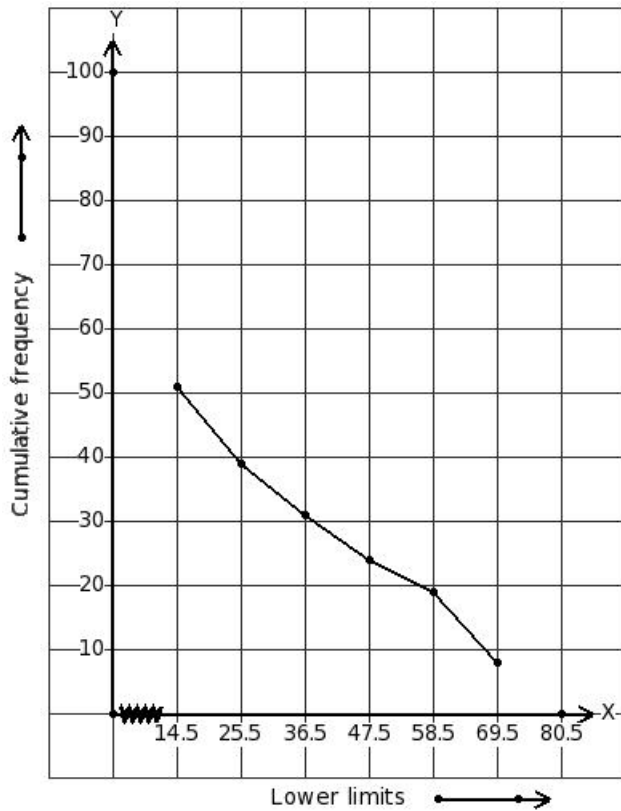
(iv)

Class-Interval	12 - 21	22 - 31	32 - 41	42 - 51	52 - 61	62 - 71	72 - 81
Frequency	5	10	5	9	8	12	9

(v)

Class-Interval	12 - 21	22 - 31	32 - 41	42 - 51	52 - 61	62 - 71	72 - 81
Frequency	2	20	9	16	17	13	12

5. Identify the frequency distribution table for the given 'more than' ogive.



(i)

Class-Interval	15 - 25	26 - 36	37 - 47	48 - 58	59 - 69	70 - 80
Frequency	12	8	7	5	11	8

(ii)

Class-Interval	15 - 25	26 - 36	37 - 47	48 - 58	59 - 69	70 - 80
Frequency	8	10	10	20	4	8

(iii)

Class-Interval	15 - 25	26 - 36	37 - 47	48 - 58	59 - 69	70 - 80
Frequency	4	3	2	12	6	8

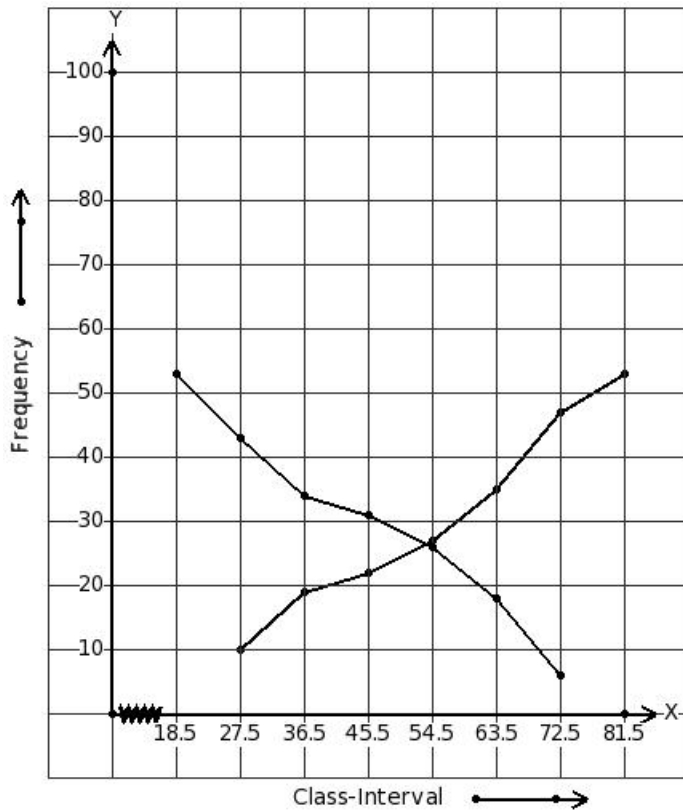
(iv)

Class-Interval	15 - 25	26 - 36	37 - 47	48 - 58	59 - 69	70 - 80
Frequency	12	14	2	5	5	10

(v)

Class-Interval	15 - 25	26 - 36	37 - 47	48 - 58	59 - 69	70 - 80
Frequency	1	1	2	4	15	6

6. Identify the frequency distribution table for the given ' median ' ogive.



(i)

Class-Interval	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
Frequency	15	3	3	18	5	4	9

(ii)

Class-Interval	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
Frequency	17	2	1	14	10	11	16

(iii)

Class-Interval	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
Frequency	2	11	12	8	12	9	12

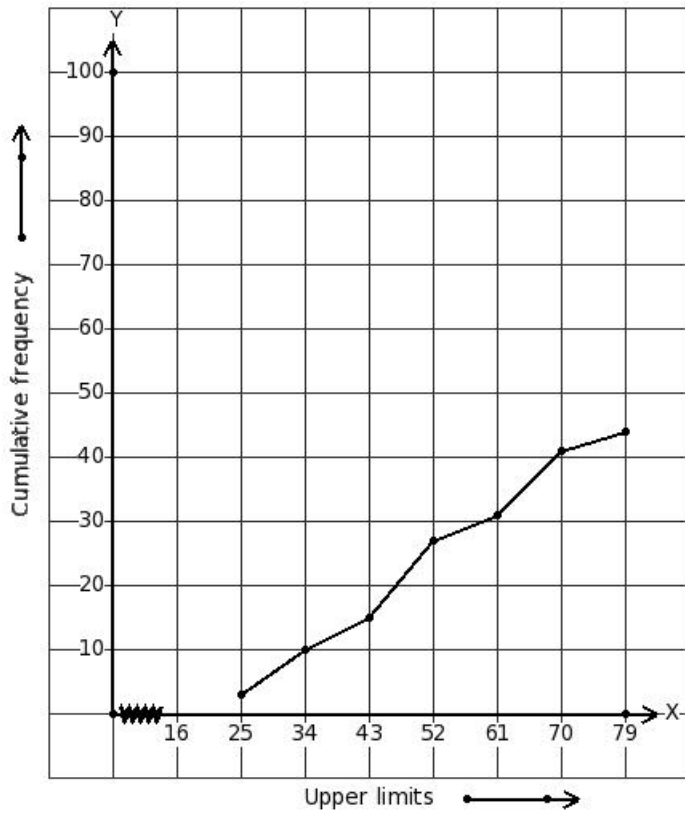
(iv)

Class-Interval	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
Frequency	10	9	3	5	8	12	6

(v)

Class-Interval	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
Frequency	13	1	5	14	4	19	11

7. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	16 - 25	25 - 34	34 - 43	43 - 52	52 - 61	61 - 70	70 - 79
Frequency	3	7	5	12	4	10	3

(ii)

Class-Interval	16 - 25	25 - 34	34 - 43	43 - 52	52 - 61	61 - 70	70 - 79
Frequency	13	4	10	19	20	8	9

(iii)

Class-Interval	16 - 25	25 - 34	34 - 43	43 - 52	52 - 61	61 - 70	70 - 79
Frequency	16	1	2	10	3	12	17

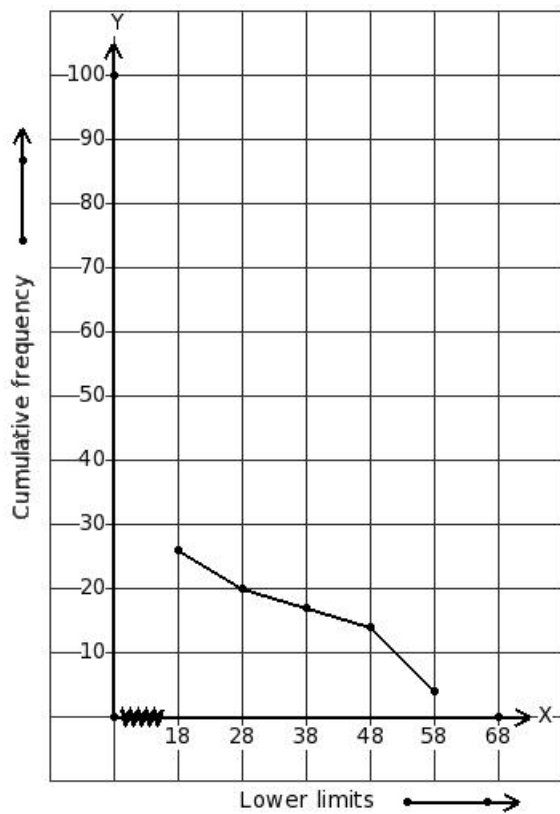
(iv)

Class-Interval	16 - 25	25 - 34	34 - 43	43 - 52	52 - 61	61 - 70	70 - 79
Frequency	3	18	4	2	1	4	6

(v)

Class-Interval	16 - 25	25 - 34	34 - 43	43 - 52	52 - 61	61 - 70	70 - 79
Frequency	11	14	20	14	19	4	5

8. Identify the frequency distribution table for the given 'more than' ogive.



(i)

Class-Interval	18 - 28	28 - 38	38 - 48	48 - 58	58 - 68
Frequency	5	18	7	7	9

(ii)

Class-Interval	18 - 28	28 - 38	38 - 48	48 - 58	58 - 68
Frequency	4	13	6	20	14

(iii)

Class-Interval	18 - 28	28 - 38	38 - 48	48 - 58	58 - 68
Frequency	16	11	13	17	6

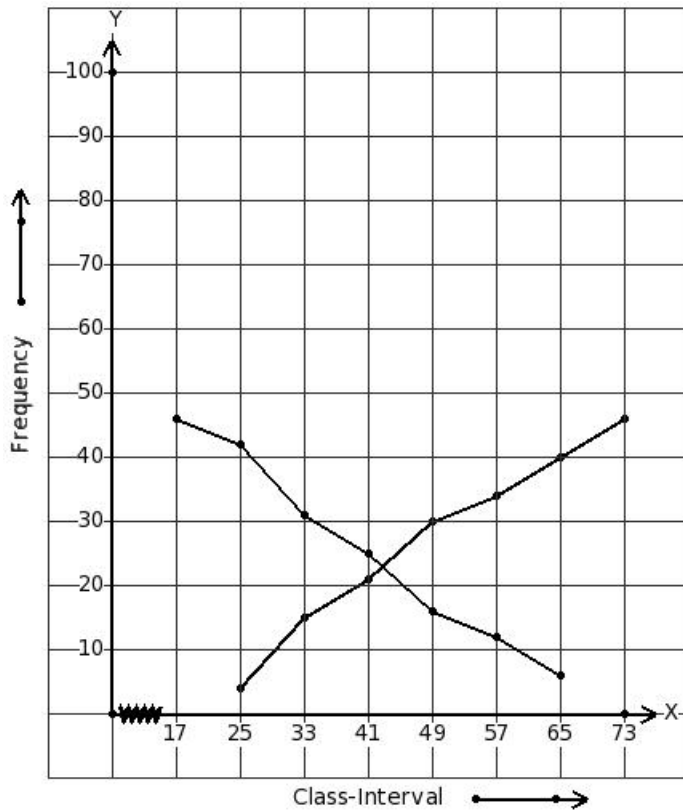
(iv)

Class-Interval	18 - 28	28 - 38	38 - 48	48 - 58	58 - 68
Frequency	16	10	3	15	3

(v)

Class-Interval	18 - 28	28 - 38	38 - 48	48 - 58	58 - 68
Frequency	6	3	3	10	4

9. Identify the frequency distribution table for the given 'median' ogive.



(i)

Class-Interval	17 - 25	25 - 33	33 - 41	41 - 49	49 - 57	57 - 65	65 - 73
Frequency	4	11	6	9	4	6	6

(ii)

Class-Interval	17 - 25	25 - 33	33 - 41	41 - 49	49 - 57	57 - 65	65 - 73
Frequency	16	1	19	5	15	5	7

(iii)

Class-Interval	17 - 25	25 - 33	33 - 41	41 - 49	49 - 57	57 - 65	65 - 73
Frequency	7	3	14	10	3	17	7

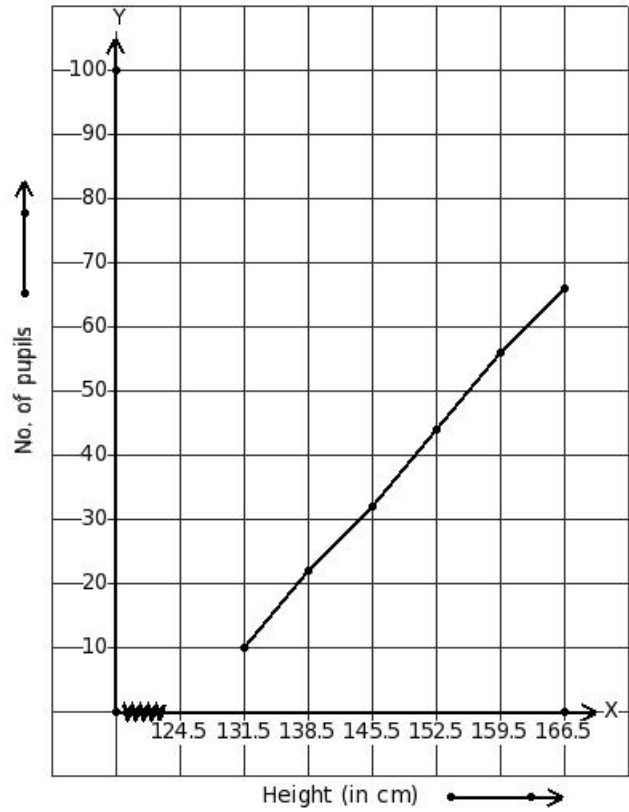
(iv)

Class-Interval	17 - 25	25 - 33	33 - 41	41 - 49	49 - 57	57 - 65	65 - 73
Frequency	15	19	16	20	10	1	8

(v)

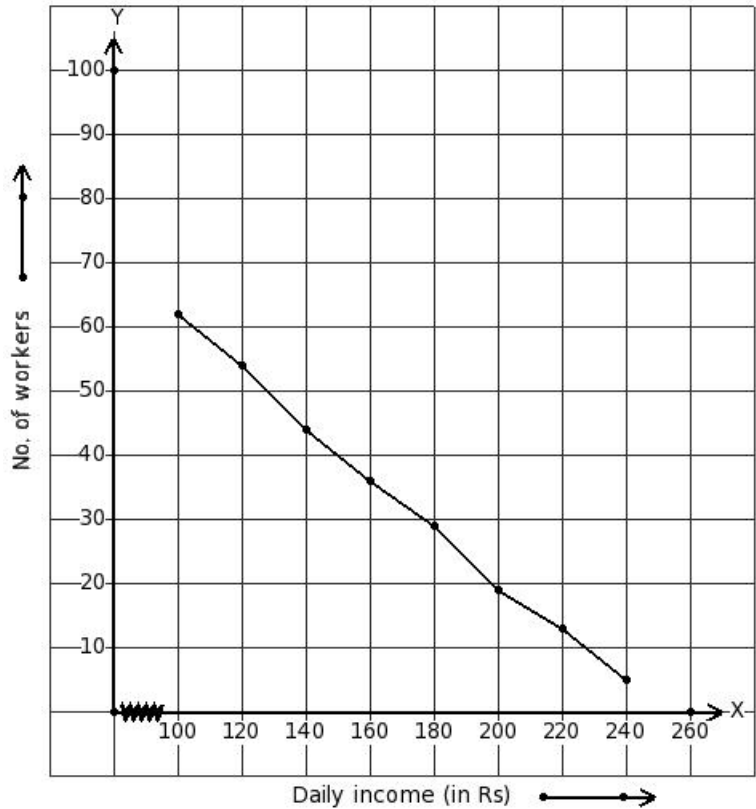
Class-Interval	17 - 25	25 - 33	33 - 41	41 - 49	49 - 57	57 - 65	65 - 73
Frequency	20	13	4	18	18	1	4

10. The heights of 66 pupils in a school are given Identify the frequency distribution table for the less than ogive.
below. given ' than ogive.



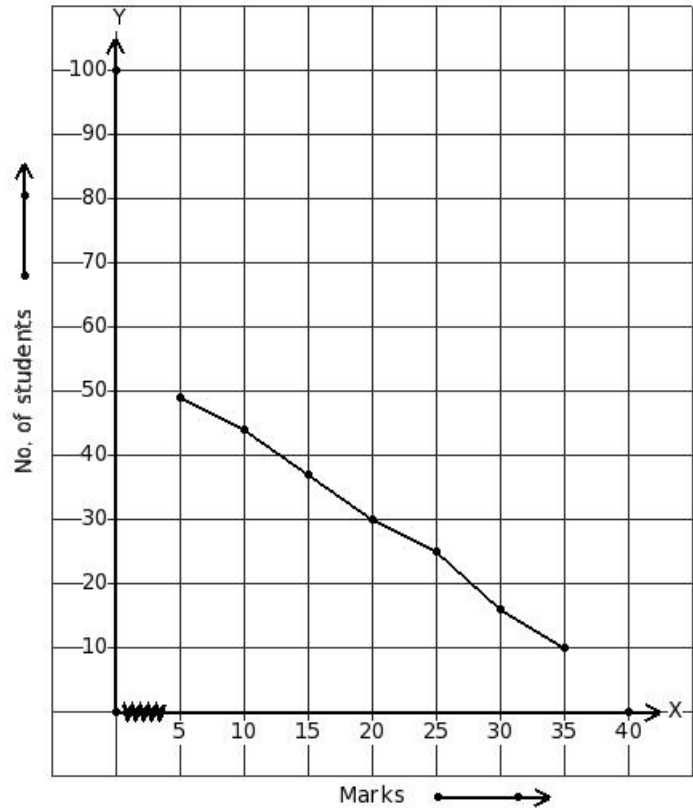
- (i)
- | Height (in cm) | 125 - 131 | 132 - 138 | 139 - 145 | 146 - 152 | 153 - 159 | 160 - 166 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of pupils | 10 | 10 | 10 | 12 | 12 | 12 |
- (ii)
- | Height (in cm) | 125 - 131 | 132 - 138 | 139 - 145 | 146 - 152 | 153 - 159 | 160 - 166 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of pupils | 10 | 10 | 12 | 12 | 12 | 10 |
- (iii)
- | Height (in cm) | 125 - 131 | 132 - 138 | 139 - 145 | 146 - 152 | 153 - 159 | 160 - 166 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of pupils | 10 | 12 | 10 | 14 | 12 | 10 |
- (iv)
- | Height (in cm) | 125 - 131 | 132 - 138 | 139 - 145 | 146 - 152 | 153 - 159 | 160 - 166 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of pupils | 10 | 12 | 7 | 12 | 12 | 10 |
- (v)
- | Height (in cm) | 125 - 131 | 132 - 138 | 139 - 145 | 146 - 152 | 153 - 159 | 160 - 166 |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of pupils | 10 | 12 | 10 | 12 | 12 | 10 |

11. The daily income of 62 workers of a factory is given below. Identify the frequency distribution table for more than ogive.



- (i)
- | Daily income (in Rs) | 100 - 120 | 120 - 140 | 140 - 160 | 160 - 180 | 180 - 200 | 200 - 220 | 220 - 240 | 240 - 260 |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of workers | 8 | 10 | 8 | 7 | 10 | 6 | 8 | 5 |
- (ii)
- | Daily income (in Rs) | 100 - 120 | 120 - 140 | 140 - 160 | 160 - 180 | 180 - 200 | 200 - 220 | 220 - 240 | 240 - 260 |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of workers | 8 | 5 | 8 | 7 | 10 | 6 | 8 | 10 |
- (iii)
- | Daily income (in Rs) | 100 - 120 | 120 - 140 | 140 - 160 | 160 - 180 | 180 - 200 | 200 - 220 | 220 - 240 | 240 - 260 |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of workers | 8 | 10 | 7 | 8 | 10 | 6 | 8 | 5 |
- (iv)
- | Daily income (in Rs) | 100 - 120 | 120 - 140 | 140 - 160 | 160 - 180 | 180 - 200 | 200 - 220 | 220 - 240 | 240 - 260 |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of workers | 8 | 10 | 8 | 7 | 6 | 6 | 8 | 5 |
- (v)
- | Daily income (in Rs) | 100 - 120 | 120 - 140 | 140 - 160 | 160 - 180 | 180 - 200 | 200 - 220 | 220 - 240 | 240 - 260 |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of workers | 8 | 10 | 12 | 7 | 10 | 6 | 8 | 5 |

12. The Marks obtained by 49 students of a class in an examination is given below. Identify the frequency distribution table more appropriate for the given data.



- (i)

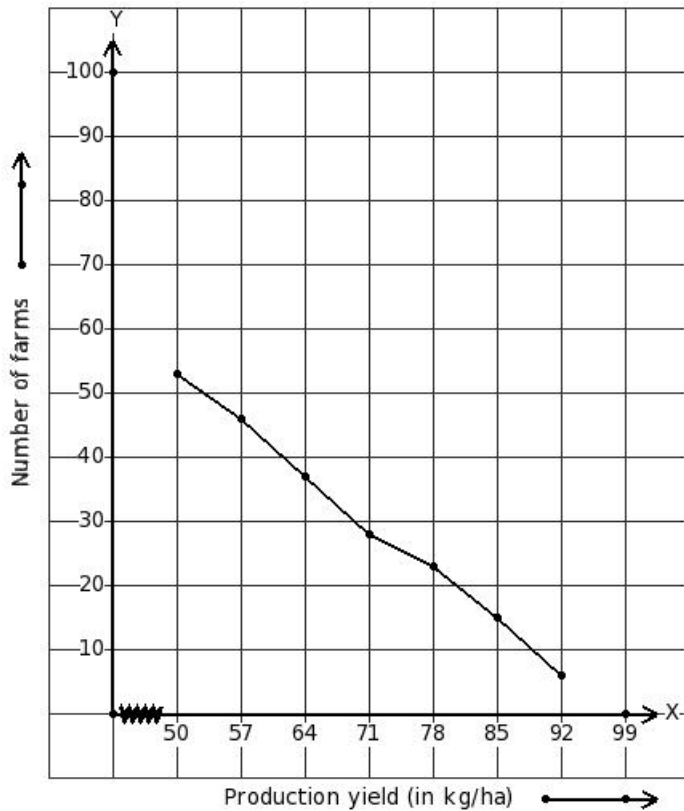
Marks	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	5	7	7	10	9	6	10
- (ii)

Marks	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	5	7	5	5	9	6	10
- (iii)

Marks	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	5	7	7	5	9	6	10
- (iv)

Marks	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	5	10	7	5	9	6	7

13. The production yield in kg per hectare of wheat of 53 farms of a village is given below. Identify the frequency distribution more appropriate for the given data.



(i)

Production yield (in kg/ha)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
Number of farms	7	6	9	5	8	9	9

(ii)

Production yield (in kg/ha)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
Number of farms	7	9	9	10	8	9	6

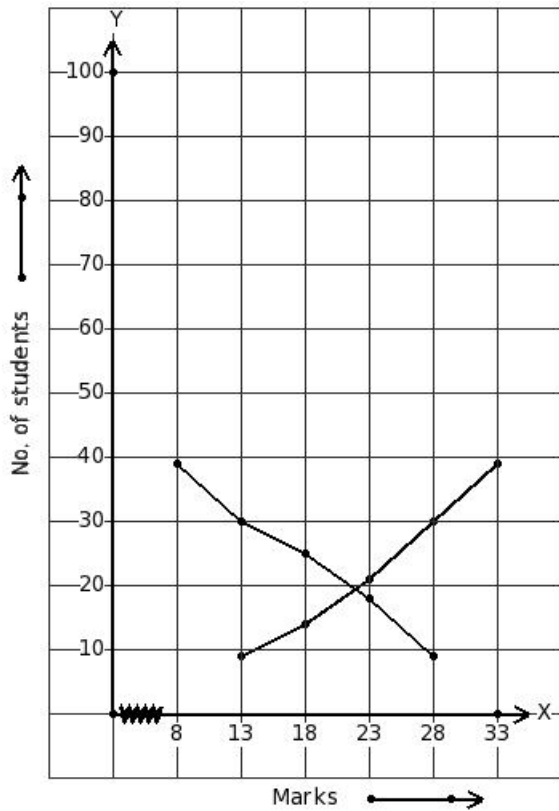
(iii)

Production yield (in kg/ha)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
Number of farms	7	9	12	5	8	9	6

(iv)

Production yield (in kg/ha)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
Number of farms	7	9	9	5	8	9	6

14. The Marks obtained by 39 students of a class in an examination is given below. Identify the frequency distribution table for the given 'median' ogive.



(i)

Marks	8 - 13	13 - 18	18 - 23	23 - 28	28 - 33
No. of students	9	5	7	9	9

(ii)

Marks	8 - 13	13 - 18	18 - 23	23 - 28	28 - 33
No. of students	9	9	7	9	5

(iii)

Marks	8 - 13	13 - 18	18 - 23	23 - 28	28 - 33
No. of students	9	7	5	9	9

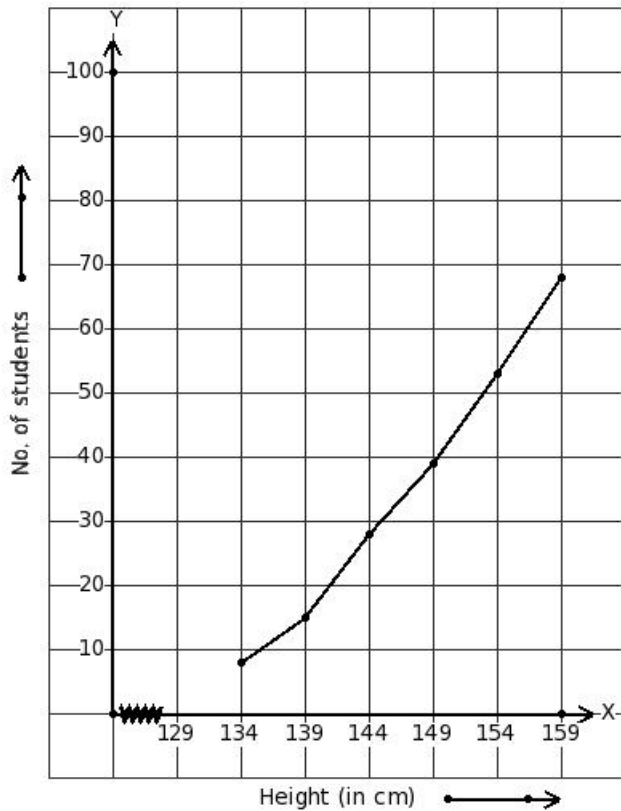
(iv)

Marks	8 - 13	13 - 18	18 - 23	23 - 28	28 - 33
No. of students	9	3	7	9	9

(v)

Marks	8 - 13	13 - 18	18 - 23	23 - 28	28 - 33
No. of students	9	5	12	9	9

15. Heights of 68 students (in cm) are given Identify the frequency distribution table for the less than ogive.



(i)

Height (in cm)	129 - 134	134 - 139	139 - 144	144 - 149	149 - 154	154 - 159
No. of students	8	15	13	11	14	7

(ii)

Height (in cm)	129 - 134	134 - 139	139 - 144	144 - 149	149 - 154	154 - 159
No. of students	8	13	7	11	14	15

(iii)

Height (in cm)	129 - 134	134 - 139	139 - 144	144 - 149	149 - 154	154 - 159
No. of students	8	7	13	16	14	15

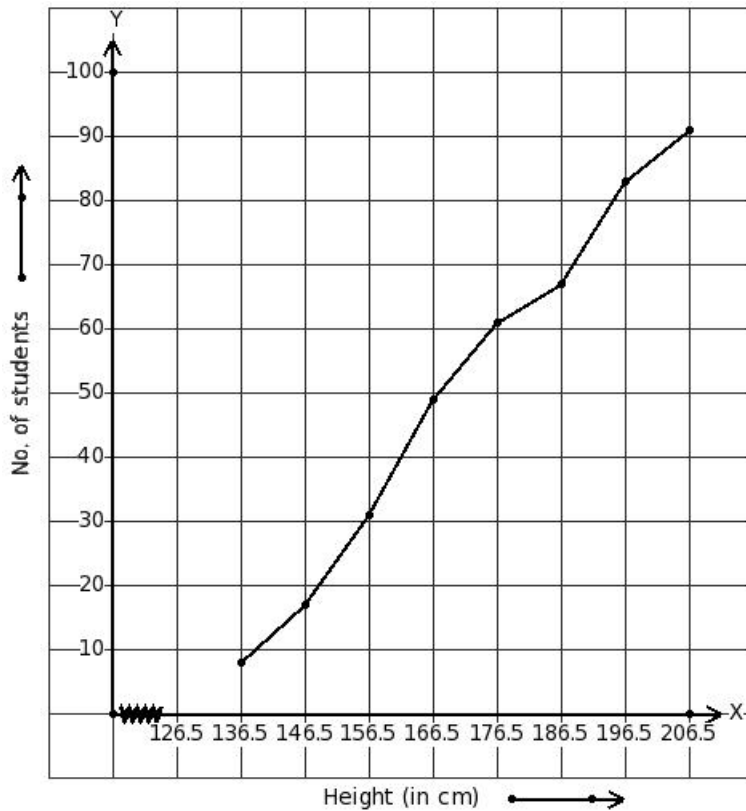
(iv)

Height (in cm)	129 - 134	134 - 139	139 - 144	144 - 149	149 - 154	154 - 159
No. of students	8	7	13	11	14	15

(v)

Height (in cm)	129 - 134	134 - 139	139 - 144	144 - 149	149 - 154	154 - 159
No. of students	8	7	18	11	14	15

16. Heights of 91 students (in cm) are given. Identify the frequency distribution table for the less than ogive.



(i)

Height (in cm)	127 - 136	137 - 146	147 - 156	157 - 166	167 - 176	177 - 186	187 - 196	197 - 206
No. of students	8	8	14	18	12	6	16	9

(ii)

Height (in cm)	127 - 136	137 - 146	147 - 156	157 - 166	167 - 176	177 - 186	187 - 196	197 - 206
No. of students	8	9	14	18	12	6	16	8

(iii)

Height (in cm)	127 - 136	137 - 146	147 - 156	157 - 166	167 - 176	177 - 186	187 - 196	197 - 206
No. of students	8	9	18	14	12	6	16	8

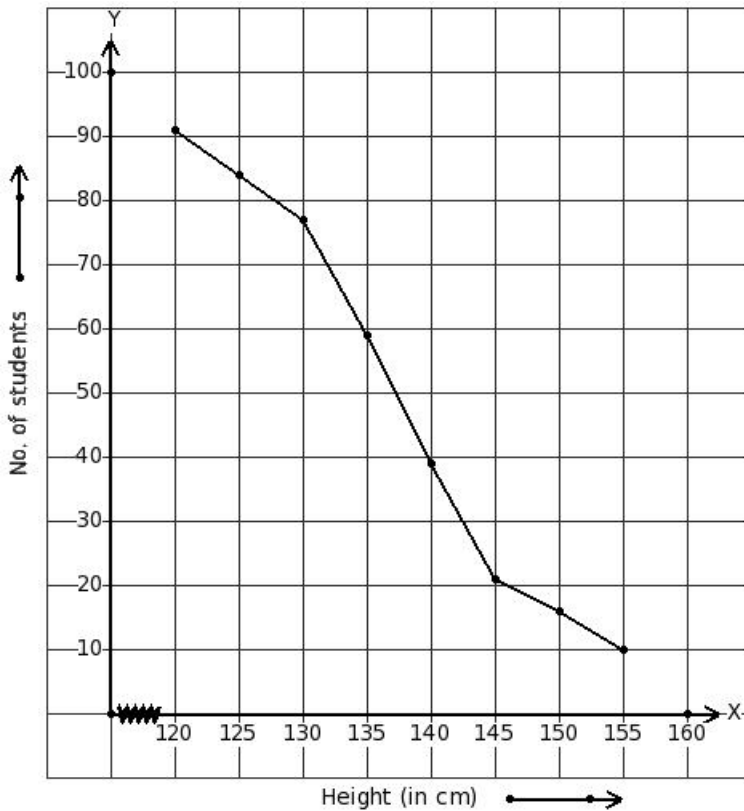
(iv)

Height (in cm)	127 - 136	137 - 146	147 - 156	157 - 166	167 - 176	177 - 186	187 - 196	197 - 206
No. of students	8	9	11	18	12	6	16	8

(v)

Height (in cm)	127 - 136	137 - 146	147 - 156	157 - 166	167 - 176	177 - 186	187 - 196	197 - 206
No. of students	8	9	14	18	17	6	16	8

17. Heights of 91 students (in cm) are given Identify the frequency distribution table for the more than ogive.



(i)

Height (in cm)	120 - 125	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155	155 - 160
No. of students	7	10	18	20	18	5	6	7

(ii)

Height (in cm)	120 - 125	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155	155 - 160
No. of students	7	7	18	20	18	5	6	10

(iii)

Height (in cm)	120 - 125	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155	155 - 160
No. of students	7	7	18	20	20	5	6	10

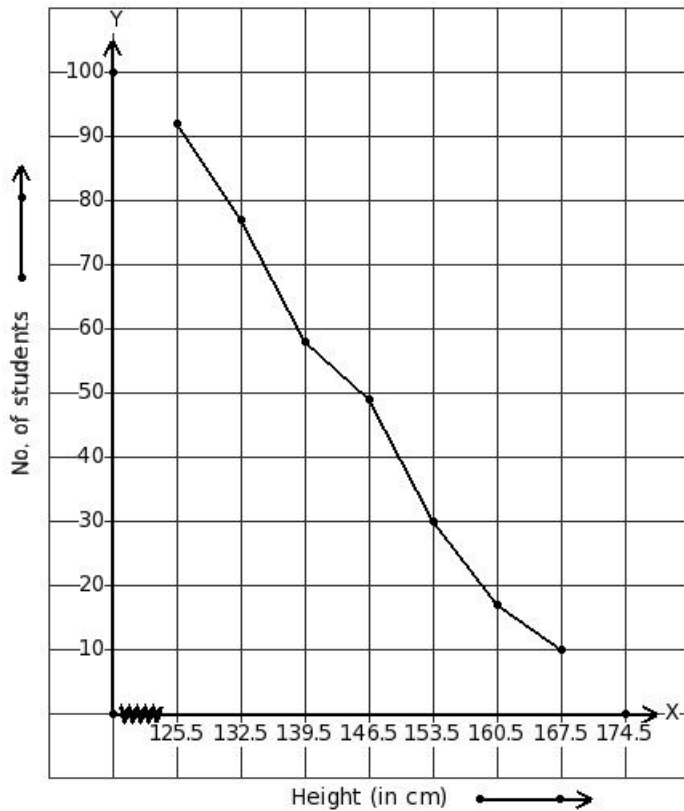
(iv)

Height (in cm)	120 - 125	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155	155 - 160
No. of students	7	7	16	20	18	5	6	10

(v)

Height (in cm)	120 - 125	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155	155 - 160
No. of students	7	7	20	18	18	5	6	10

18. Heights of 92 students (in cm) are given Identify the frequency distribution table for the more than ogive.



(i)

Height (in cm)	126 - 132	133 - 139	140 - 146	147 - 153	154 - 160	161 - 167	168 - 174
No. of students	15	9	19	19	13	7	10

(ii)

Height (in cm)	126 - 132	133 - 139	140 - 146	147 - 153	154 - 160	161 - 167	168 - 174
No. of students	15	19	9	24	13	7	10

(iii)

Height (in cm)	126 - 132	133 - 139	140 - 146	147 - 153	154 - 160	161 - 167	168 - 174
No. of students	15	19	6	19	13	7	10

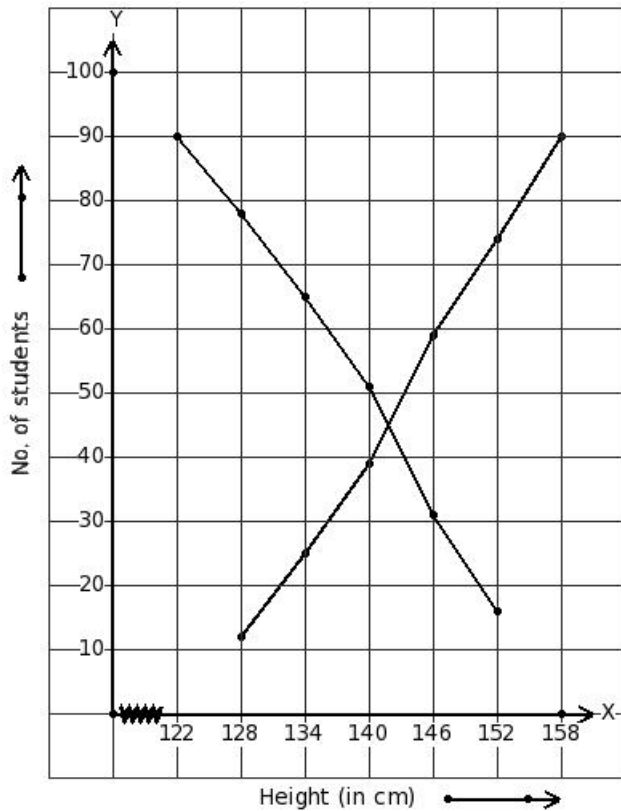
(iv)

Height (in cm)	126 - 132	133 - 139	140 - 146	147 - 153	154 - 160	161 - 167	168 - 174
No. of students	15	10	9	19	13	7	19

(v)

Height (in cm)	126 - 132	133 - 139	140 - 146	147 - 153	154 - 160	161 - 167	168 - 174
No. of students	15	19	9	19	13	7	10

19. Heights of 90 students (in cm) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Height (in cm)	122 - 128	128 - 134	134 - 140	140 - 146	146 - 152	152 - 158
No. of students	12	13	10	20	15	16

(ii)

Height (in cm)	122 - 128	128 - 134	134 - 140	140 - 146	146 - 152	152 - 158
No. of students	12	16	14	20	15	13

(iii)

Height (in cm)	122 - 128	128 - 134	134 - 140	140 - 146	146 - 152	152 - 158
No. of students	12	13	14	20	15	16

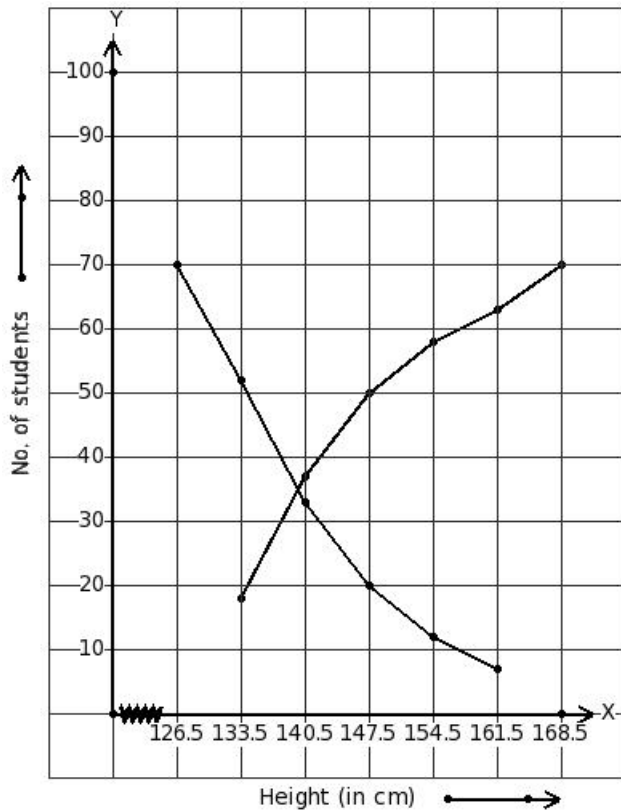
(iv)

Height (in cm)	122 - 128	128 - 134	134 - 140	140 - 146	146 - 152	152 - 158
No. of students	12	13	14	17	15	16

(v)

Height (in cm)	122 - 128	128 - 134	134 - 140	140 - 146	146 - 152	152 - 158
No. of students	12	14	13	20	15	16

20. Heights of 70 students (in cm) are given Identify the frequency distribution table for the 'median' ogive.
below. given '



(i)

Height (in cm)	127 - 133	134 - 140	141 - 147	148 - 154	155 - 161	162 - 168
No. of students	18	19	13	4	5	7

(ii)

Height (in cm)	127 - 133	134 - 140	141 - 147	148 - 154	155 - 161	162 - 168
No. of students	18	13	19	8	5	7

(iii)

Height (in cm)	127 - 133	134 - 140	141 - 147	148 - 154	155 - 161	162 - 168
No. of students	18	19	8	8	5	7

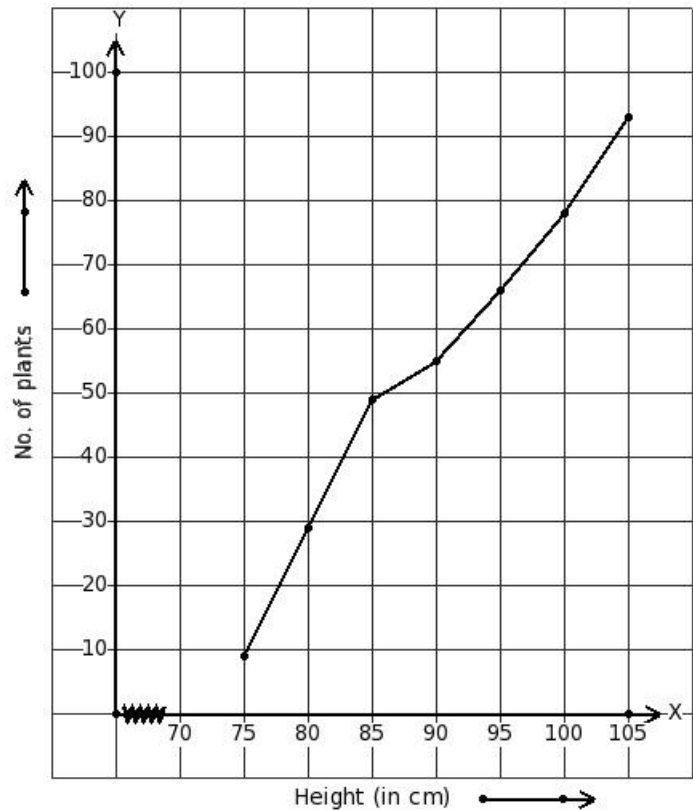
(iv)

Height (in cm)	127 - 133	134 - 140	141 - 147	148 - 154	155 - 161	162 - 168
No. of students	18	7	13	8	5	19

(v)

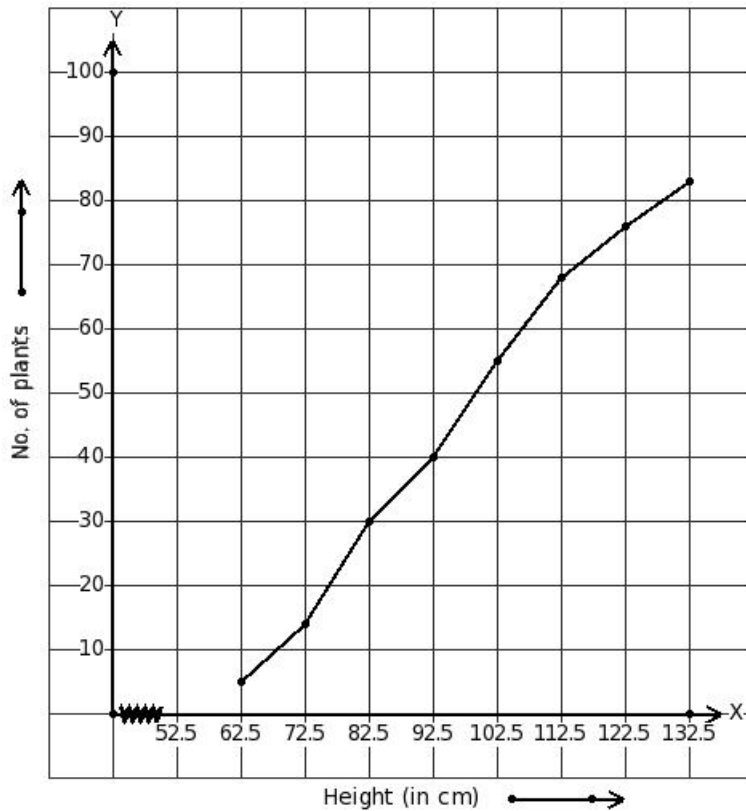
Height (in cm)	127 - 133	134 - 140	141 - 147	148 - 154	155 - 161	162 - 168
No. of students	18	19	13	8	5	7

21. Heights of 93 plants (in cm) are given Identify the frequency distribution table for the less than ogive.
below. given ' than



- (i)
- | Height (in cm) | 70 - 75 | 75 - 80 | 80 - 85 | 85 - 90 | 90 - 95 | 95 - 100 | 100 - 105 |
|----------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of plants | 9 | 15 | 20 | 6 | 11 | 12 | 20 |
- (ii)
- | Height (in cm) | 70 - 75 | 75 - 80 | 80 - 85 | 85 - 90 | 90 - 95 | 95 - 100 | 100 - 105 |
|----------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of plants | 9 | 20 | 20 | 6 | 11 | 12 | 15 |
- (iii)
- | Height (in cm) | 70 - 75 | 75 - 80 | 80 - 85 | 85 - 90 | 90 - 95 | 95 - 100 | 100 - 105 |
|----------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of plants | 9 | 20 | 15 | 6 | 11 | 12 | 15 |
- (iv)
- | Height (in cm) | 70 - 75 | 75 - 80 | 80 - 85 | 85 - 90 | 90 - 95 | 95 - 100 | 100 - 105 |
|----------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of plants | 9 | 20 | 20 | 1 | 11 | 12 | 15 |

22. Heights of 83 plants (in cm) are given Identify the frequency distribution table for the less than ogive.
below. given ' than



(i)

Height (in cm)	53 - 62	63 - 72	73 - 82	83 - 92	93 - 102	103 - 112	113 - 122	123 - 132
No. of plants	5	9	11	10	15	13	8	7

(ii)

Height (in cm)	53 - 62	63 - 72	73 - 82	83 - 92	93 - 102	103 - 112	113 - 122	123 - 132
No. of plants	5	7	16	10	15	13	8	9

(iii)

Height (in cm)	53 - 62	63 - 72	73 - 82	83 - 92	93 - 102	103 - 112	113 - 122	123 - 132
No. of plants	5	9	16	10	12	13	8	7

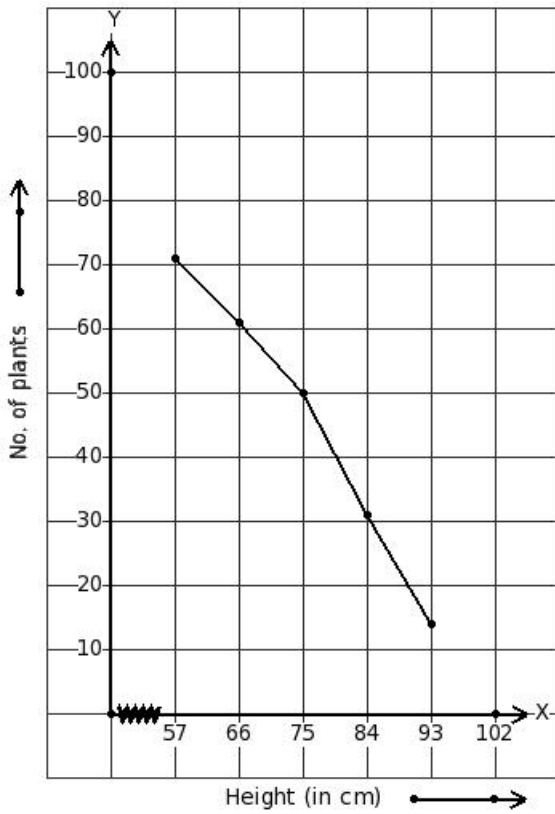
(iv)

Height (in cm)	53 - 62	63 - 72	73 - 82	83 - 92	93 - 102	103 - 112	113 - 122	123 - 132
No. of plants	5	9	10	16	15	13	8	7

(v)

Height (in cm)	53 - 62	63 - 72	73 - 82	83 - 92	93 - 102	103 - 112	113 - 122	123 - 132
No. of plants	5	9	16	10	15	13	8	7

23. Heights of 71 plants (in cm) are given Identify the frequency distribution table for the more than ogive.
below. given ' than ogive.



(i)

Height (in cm)	57 - 66	66 - 75	75 - 84	84 - 93	93 - 102
No. of plants	10	19	11	17	14

(ii)

Height (in cm)	57 - 66	66 - 75	75 - 84	84 - 93	93 - 102
No. of plants	10	9	19	17	14

(iii)

Height (in cm)	57 - 66	66 - 75	75 - 84	84 - 93	93 - 102
No. of plants	10	11	22	17	14

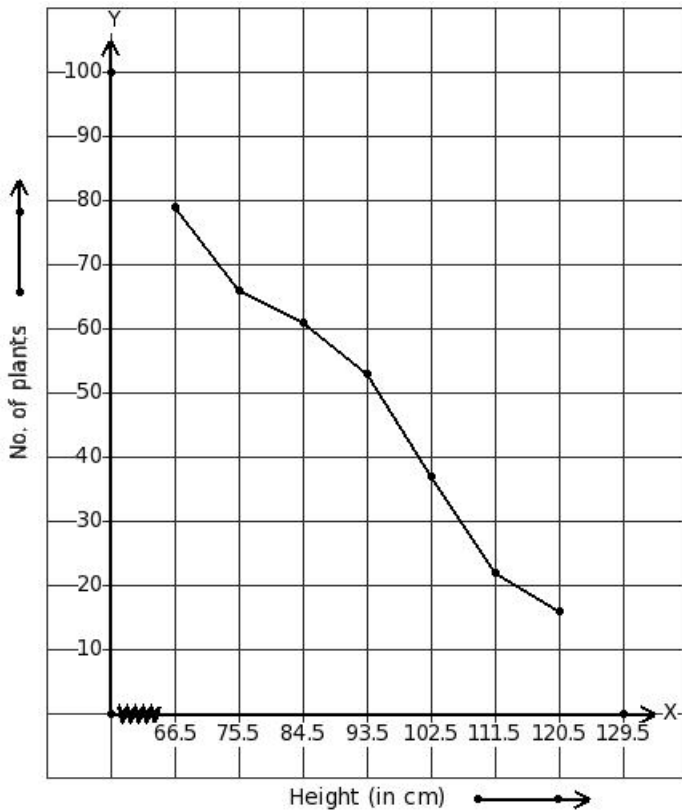
(iv)

Height (in cm)	57 - 66	66 - 75	75 - 84	84 - 93	93 - 102
No. of plants	10	11	19	17	14

(v)

Height (in cm)	57 - 66	66 - 75	75 - 84	84 - 93	93 - 102
No. of plants	10	14	19	17	11

24. Heights of 79 plants (in cm) are given Identify the frequency distribution table for the more than ogive.
below. given ' than ogive.



(i)

Height (in cm)	67 - 75	76 - 84	85 - 93	94 - 102	103 - 111	112 - 120	121 - 129
No. of plants	13	16	8	16	15	6	5

(ii)

Height (in cm)	67 - 75	76 - 84	85 - 93	94 - 102	103 - 111	112 - 120	121 - 129
No. of plants	13	8	5	16	15	6	16

(iii)

Height (in cm)	67 - 75	76 - 84	85 - 93	94 - 102	103 - 111	112 - 120	121 - 129
No. of plants	13	5	8	12	15	6	16

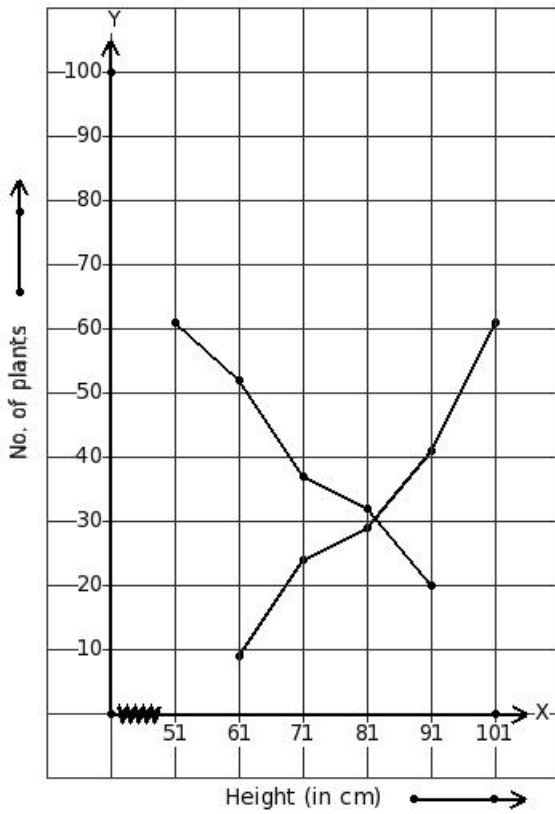
(iv)

Height (in cm)	67 - 75	76 - 84	85 - 93	94 - 102	103 - 111	112 - 120	121 - 129
No. of plants	13	5	10	16	15	6	16

(v)

Height (in cm)	67 - 75	76 - 84	85 - 93	94 - 102	103 - 111	112 - 120	121 - 129
No. of plants	13	5	8	16	15	6	16

25. Heights of 61 plants (in cm) are given Identify the frequency distribution table for the given median 'ogive. below.



(i)

Height (in cm)	51 - 61	61 - 71	71 - 81	81 - 91	91 - 101
No. of plants	9	15	5	12	20

(ii)

Height (in cm)	51 - 61	61 - 71	71 - 81	81 - 91	91 - 101
No. of plants	9	20	5	12	15

(iii)

Height (in cm)	51 - 61	61 - 71	71 - 81	81 - 91	91 - 101
No. of plants	9	13	5	12	20

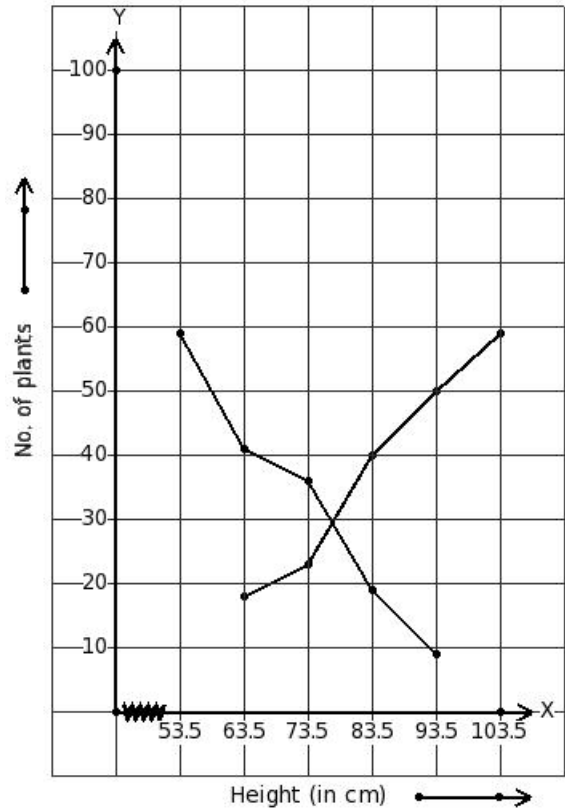
(iv)

Height (in cm)	51 - 61	61 - 71	71 - 81	81 - 91	91 - 101
No. of plants	9	5	15	12	20

(v)

Height (in cm)	51 - 61	61 - 71	71 - 81	81 - 91	91 - 101
No. of plants	9	15	8	12	20

26. Heights of 59 plants (in cm) are given Identify the frequency distribution table for the given median ogive.



(i)

Height (in cm)	54 - 63	64 - 73	74 - 83	84 - 93	94 - 103
No. of plants	18	5	12	10	9

(ii)

Height (in cm)	54 - 63	64 - 73	74 - 83	84 - 93	94 - 103
No. of plants	18	5	17	10	9

(iii)

Height (in cm)	54 - 63	64 - 73	74 - 83	84 - 93	94 - 103
No. of plants	18	17	5	10	9

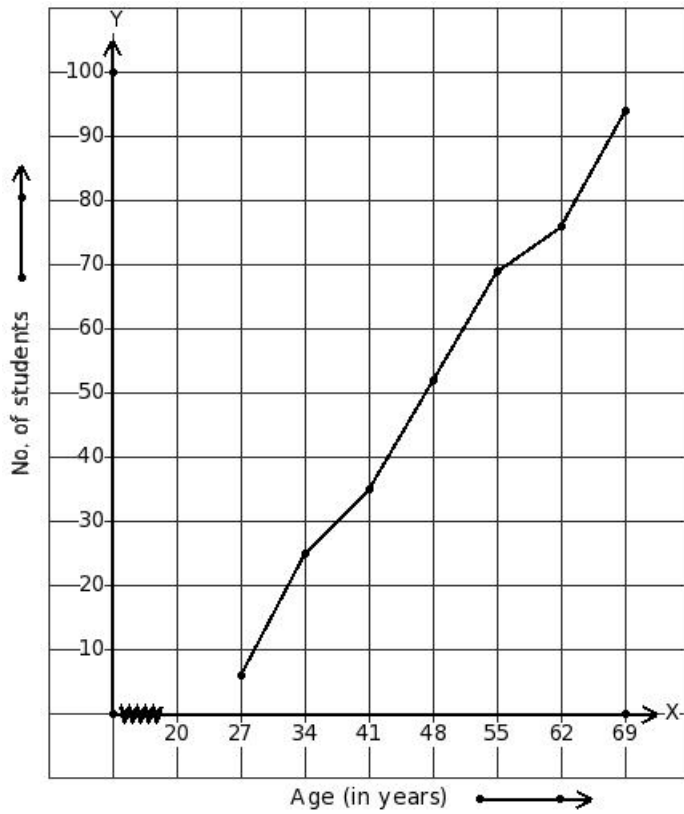
(iv)

Height (in cm)	54 - 63	64 - 73	74 - 83	84 - 93	94 - 103
No. of plants	18	9	17	10	5

(v)

Height (in cm)	54 - 63	64 - 73	74 - 83	84 - 93	94 - 103
No. of plants	18	3	17	10	9

27. Ages of 94 students (in years) are given Identify the frequency distribution table for the less than ogive.



(i)

Age (in years)	20 - 27	27 - 34	34 - 41	41 - 48	48 - 55	55 - 62	62 - 69
No. of students	6	10	19	17	17	7	18

(ii)

Age (in years)	20 - 27	27 - 34	34 - 41	41 - 48	48 - 55	55 - 62	62 - 69
No. of students	6	19	7	17	17	7	18

(iii)

Age (in years)	20 - 27	27 - 34	34 - 41	41 - 48	48 - 55	55 - 62	62 - 69
No. of students	6	19	10	14	17	7	18

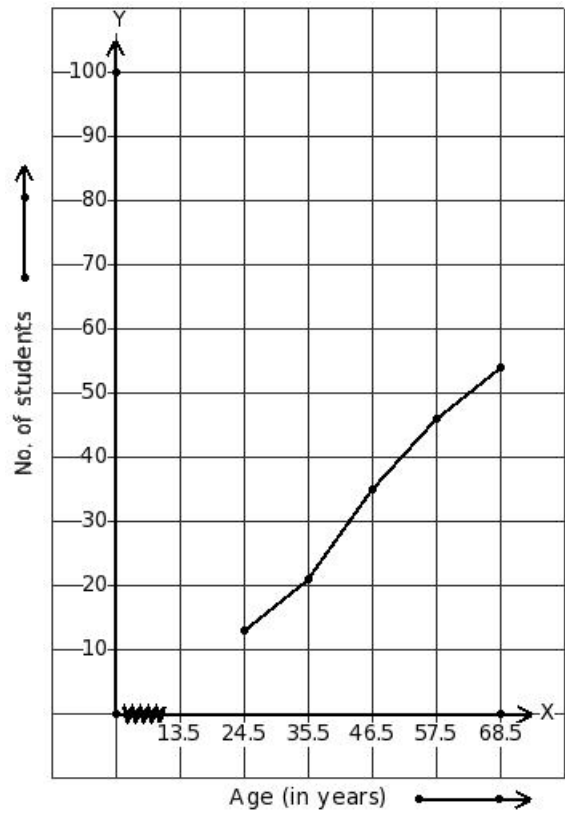
(iv)

Age (in years)	20 - 27	27 - 34	34 - 41	41 - 48	48 - 55	55 - 62	62 - 69
No. of students	6	19	10	17	17	7	18

(v)

Age (in years)	20 - 27	27 - 34	34 - 41	41 - 48	48 - 55	55 - 62	62 - 69
No. of students	6	18	10	17	17	7	19

28. Ages of 54 students (in years) are given Identify the frequency distribution table for the less than ogive.



(i)

Age (in years)	14 - 24	25 - 35	36 - 46	47 - 57	58 - 68
No. of students	13	4	14	11	8

(ii)

Age (in years)	14 - 24	25 - 35	36 - 46	47 - 57	58 - 68
No. of students	13	14	8	11	8

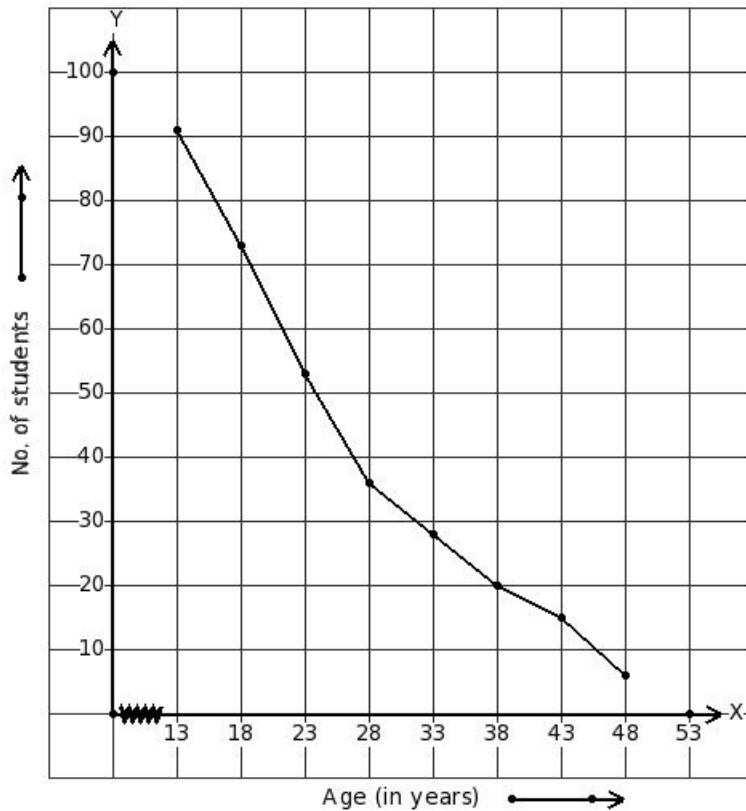
(iii)

Age (in years)	14 - 24	25 - 35	36 - 46	47 - 57	58 - 68
No. of students	13	8	14	11	8

(iv)

Age (in years)	14 - 24	25 - 35	36 - 46	47 - 57	58 - 68
No. of students	13	8	17	11	8

29. Ages of 91 students (in years) are given Identify the frequency distribution table for the more 'ogive.
below. given ' than



(i)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48	48 - 53
No. of students	18	6	17	8	8	5	9	20

(ii)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48	48 - 53
No. of students	18	20	17	8	8	5	9	6

(iii)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48	48 - 53
No. of students	18	20	17	8	3	5	9	6

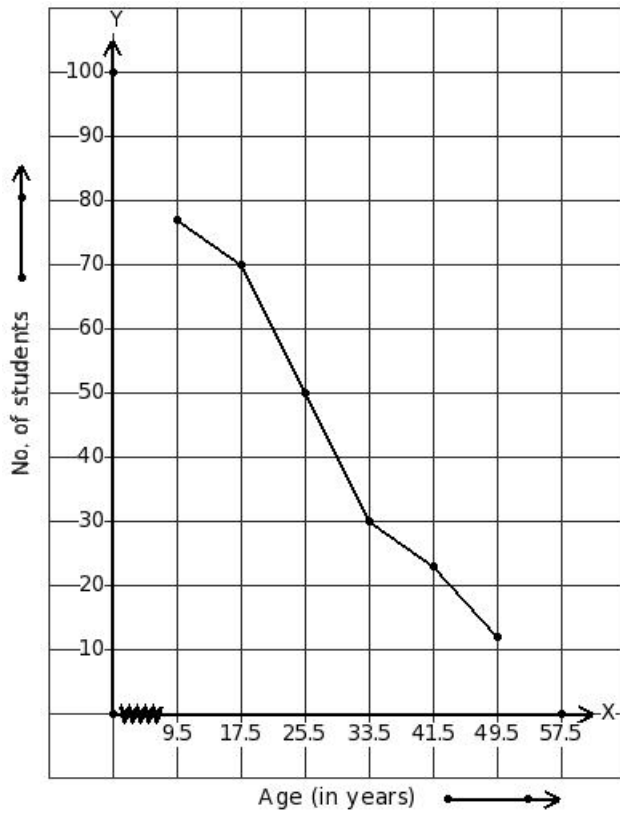
(iv)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48	48 - 53
No. of students	18	20	14	8	8	5	9	6

(v)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48	48 - 53
No. of students	18	20	8	17	8	5	9	6

30. Ages of 77 students (in years) are given Identify the frequency distribution table for the more than ogive.



(i)

Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57
No. of students	7	12	20	7	11	20

(ii)

Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57
No. of students	7	20	20	7	11	12

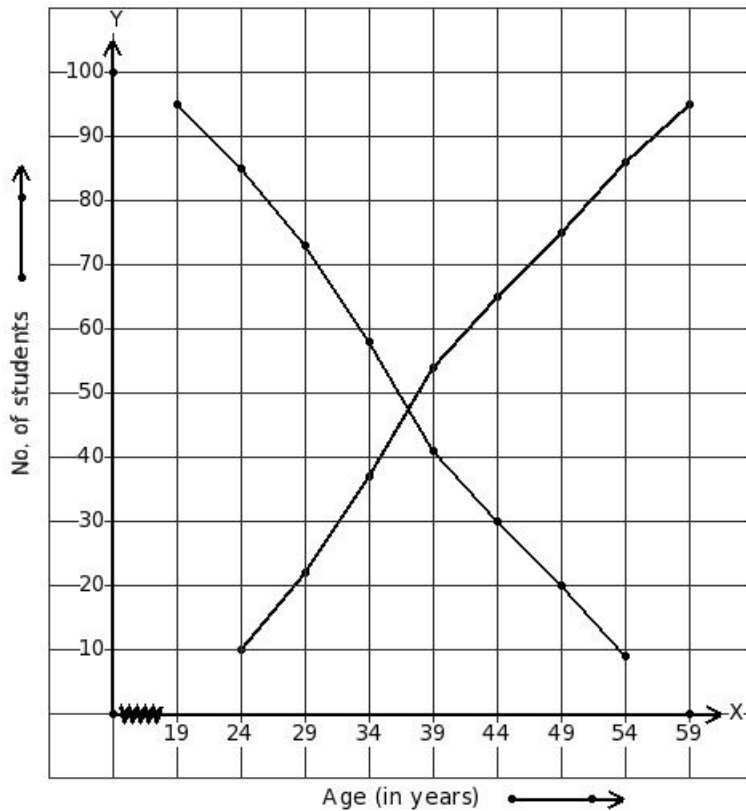
(iii)

Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57
No. of students	7	20	20	10	11	12

(iv)

Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57
No. of students	7	20	15	7	11	12

31. Ages of 95 students (in years) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Age (in years)	19 - 24	24 - 29	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59
No. of students	10	12	13	17	11	10	11	9

(ii)

Age (in years)	19 - 24	24 - 29	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59
No. of students	10	12	15	17	9	10	11	9

(iii)

Age (in years)	19 - 24	24 - 29	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59
No. of students	10	12	15	17	11	10	11	9

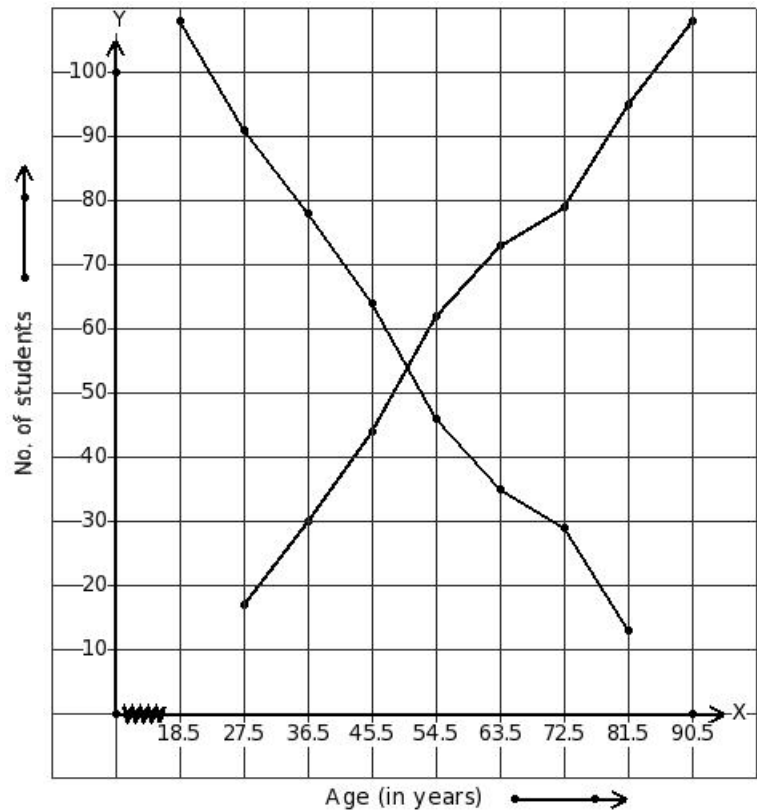
(iv)

Age (in years)	19 - 24	24 - 29	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59
No. of students	10	12	17	15	11	10	11	9

(v)

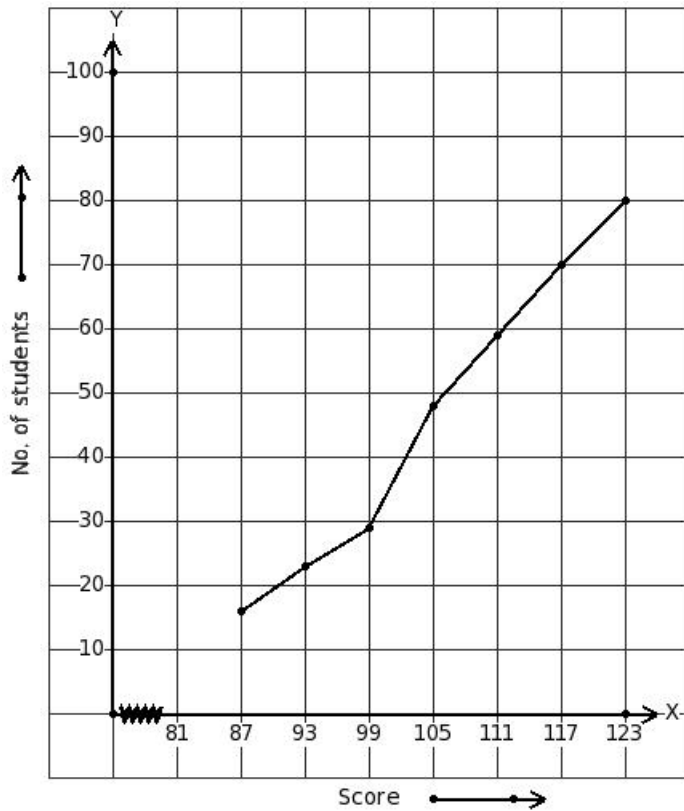
Age (in years)	19 - 24	24 - 29	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59
No. of students	10	9	15	17	11	10	11	12

32. Ages of 108 students (in years) are given Identify the frequency distribution table for the 'median' ogive.
below. given '



- (i)
- | Age (in years) | 19 - 27 | 28 - 36 | 37 - 45 | 46 - 54 | 55 - 63 | 64 - 72 | 73 - 81 | 82 - 90 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 17 | 13 | 18 | 14 | 11 | 6 | 16 | 13 |
- (ii)
- | Age (in years) | 19 - 27 | 28 - 36 | 37 - 45 | 46 - 54 | 55 - 63 | 64 - 72 | 73 - 81 | 82 - 90 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 17 | 13 | 14 | 18 | 15 | 6 | 16 | 13 |
- (iii)
- | Age (in years) | 19 - 27 | 28 - 36 | 37 - 45 | 46 - 54 | 55 - 63 | 64 - 72 | 73 - 81 | 82 - 90 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 17 | 13 | 14 | 18 | 11 | 6 | 16 | 13 |
- (iv)
- | Age (in years) | 19 - 27 | 28 - 36 | 37 - 45 | 46 - 54 | 55 - 63 | 64 - 72 | 73 - 81 | 82 - 90 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 17 | 13 | 9 | 18 | 11 | 6 | 16 | 13 |

33. Scores of 80 students are given below. Identify the frequency distribution table for the given ' less than ' ogive.



(i)

Score	81 - 87	87 - 93	93 - 99	99 - 105	105 - 111	111 - 117	117 - 123
No. of students	16	7	6	19	11	11	10

(ii)

Score	81 - 87	87 - 93	93 - 99	99 - 105	105 - 111	111 - 117	117 - 123
No. of students	16	7	10	19	11	11	10

(iii)

Score	81 - 87	87 - 93	93 - 99	99 - 105	105 - 111	111 - 117	117 - 123
No. of students	16	10	6	19	11	11	7

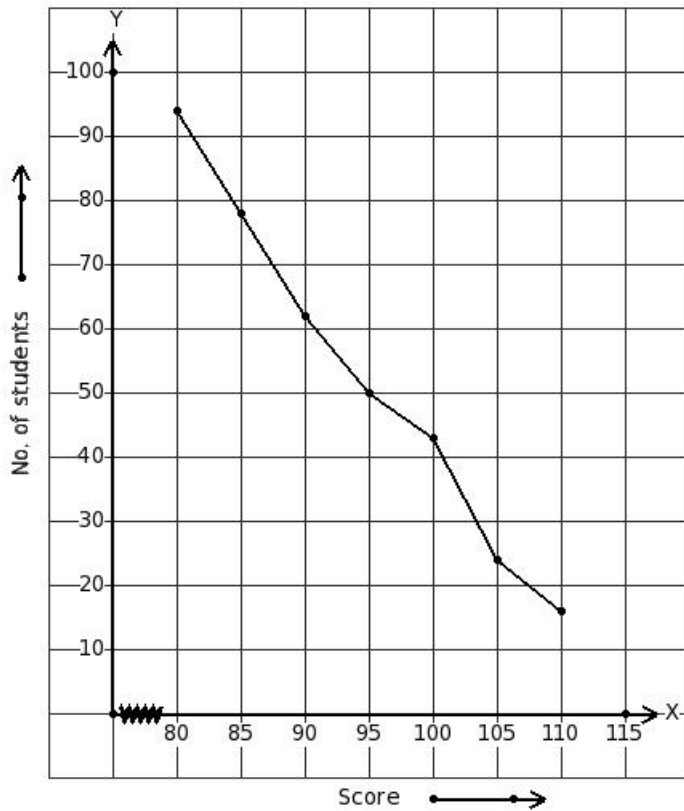
(iv)

Score	81 - 87	87 - 93	93 - 99	99 - 105	105 - 111	111 - 117	117 - 123
No. of students	16	6	7	19	11	11	10

(v)

Score	81 - 87	87 - 93	93 - 99	99 - 105	105 - 111	111 - 117	117 - 123
No. of students	16	7	6	15	11	11	10

34. Scores of 94 students are given below. Identify the frequency distribution table for the given 'more than' ogive.



(i)

Score	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115
No. of students	16	16	12	7	19	8	16

(ii)

Score	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115
No. of students	16	16	12	11	19	8	16

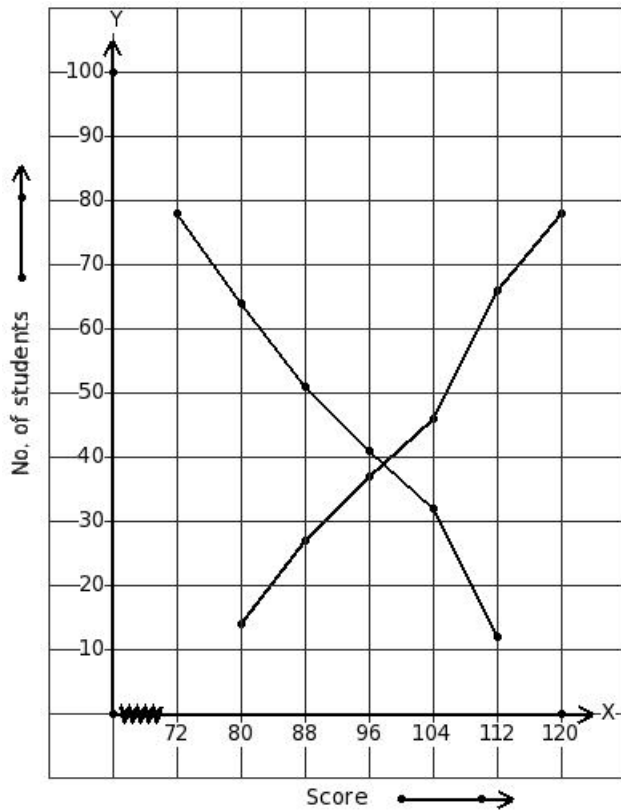
(iii)

Score	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115
No. of students	16	12	16	7	19	8	16

(iv)

Score	80 - 85	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115
No. of students	16	16	10	7	19	8	16

35. Scores of 78 students are given below. Identify the frequency distribution table for the given 'median' ogive.



(i)

Score	72 - 80	80 - 88	88 - 96	96 - 104	104 - 112	112 - 120
No. of students	14	13	10	9	20	12

(ii)

Score	72 - 80	80 - 88	88 - 96	96 - 104	104 - 112	112 - 120
No. of students	14	12	10	9	20	13

(iii)

Score	72 - 80	80 - 88	88 - 96	96 - 104	104 - 112	112 - 120
No. of students	14	10	13	9	20	12

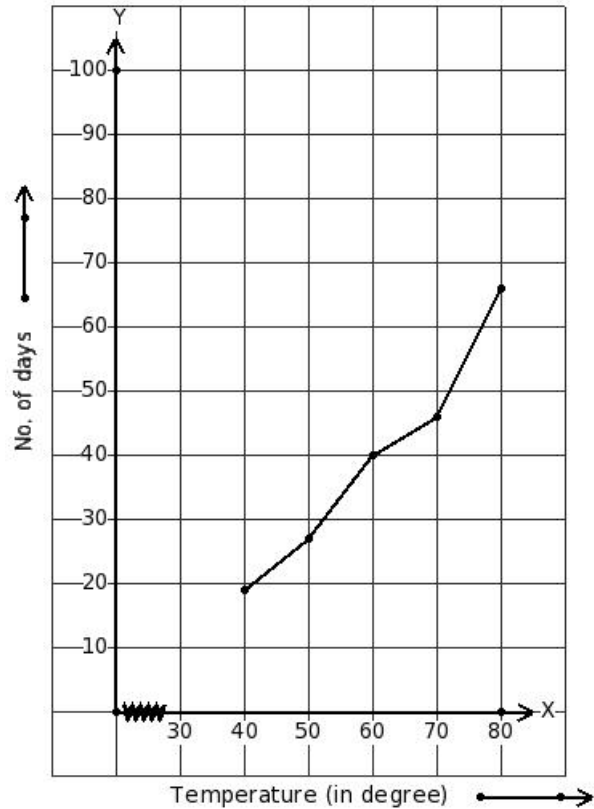
(iv)

Score	72 - 80	80 - 88	88 - 96	96 - 104	104 - 112	112 - 120
No. of students	14	13	10	12	20	12

(v)

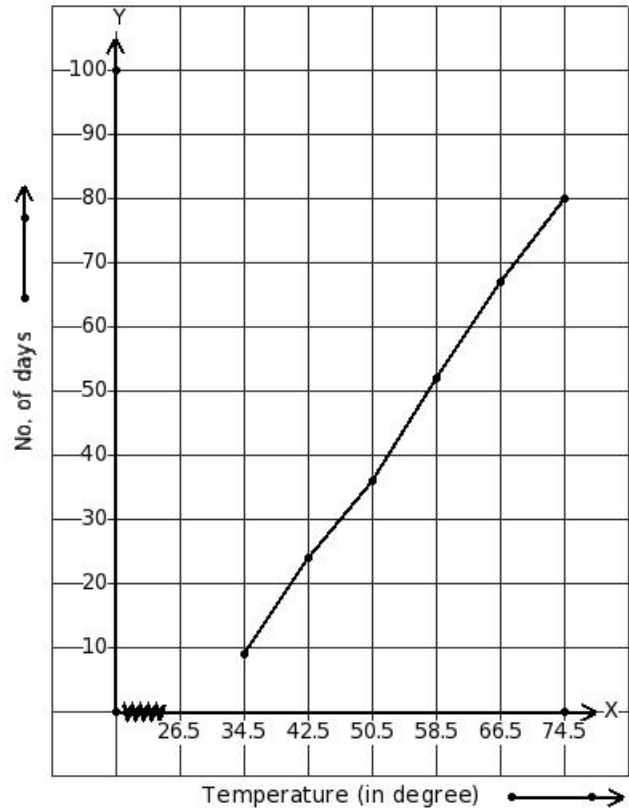
Score	72 - 80	80 - 88	88 - 96	96 - 104	104 - 112	112 - 120
No. of students	14	13	14	9	20	12

36. Temperatures of 66 days (in °C) are given Identify the frequency distribution table for the less than ogive.
below. given ' than ogive.



- (i)
- | Temperature (in degree) | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-------------------------|---------|---------|---------|---------|---------|
| No. of days | 19 | 11 | 13 | 6 | 20 |
- (ii)
- | Temperature (in degree) | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-------------------------|---------|---------|---------|---------|---------|
| No. of days | 19 | 8 | 11 | 6 | 20 |
- (iii)
- | Temperature (in degree) | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-------------------------|---------|---------|---------|---------|---------|
| No. of days | 19 | 8 | 13 | 6 | 20 |
- (iv)
- | Temperature (in degree) | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-------------------------|---------|---------|---------|---------|---------|
| No. of days | 19 | 13 | 8 | 6 | 20 |
- (v)
- | Temperature (in degree) | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-------------------------|---------|---------|---------|---------|---------|
| No. of days | 19 | 20 | 13 | 6 | 8 |

37. Temperatures of 80 days (in °C) are given Identify the frequency distribution table for the less than ogive. below. given ' than ogive.



- (i)

Temperature (in degree)	27 - 34	35 - 42	43 - 50	51 - 58	59 - 66	67 - 74
No. of days	9	13	12	16	15	15
- (ii)

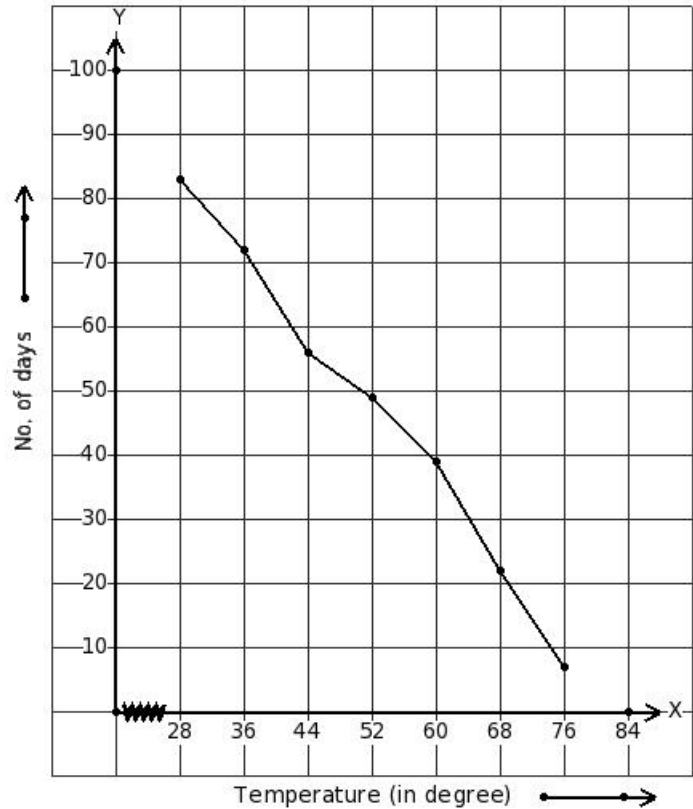
Temperature (in degree)	27 - 34	35 - 42	43 - 50	51 - 58	59 - 66	67 - 74
No. of days	9	15	12	16	15	13
- (iii)

Temperature (in degree)	27 - 34	35 - 42	43 - 50	51 - 58	59 - 66	67 - 74
No. of days	9	15	12	13	15	13
- (iv)

Temperature (in degree)	27 - 34	35 - 42	43 - 50	51 - 58	59 - 66	67 - 74
No. of days	9	15	10	16	15	13
- (v)

Temperature (in degree)	27 - 34	35 - 42	43 - 50	51 - 58	59 - 66	67 - 74
No. of days	9	12	15	16	15	13

38. Temperatures of 83 days (in °C) are given Identify the frequency distribution table for the more than ogive. below. given ' than ogive.



- (i)

Temperature (in degree)	28 - 36	36 - 44	44 - 52	52 - 60	60 - 68	68 - 76	76 - 84
No. of days	11	7	7	10	17	15	16
- (ii)

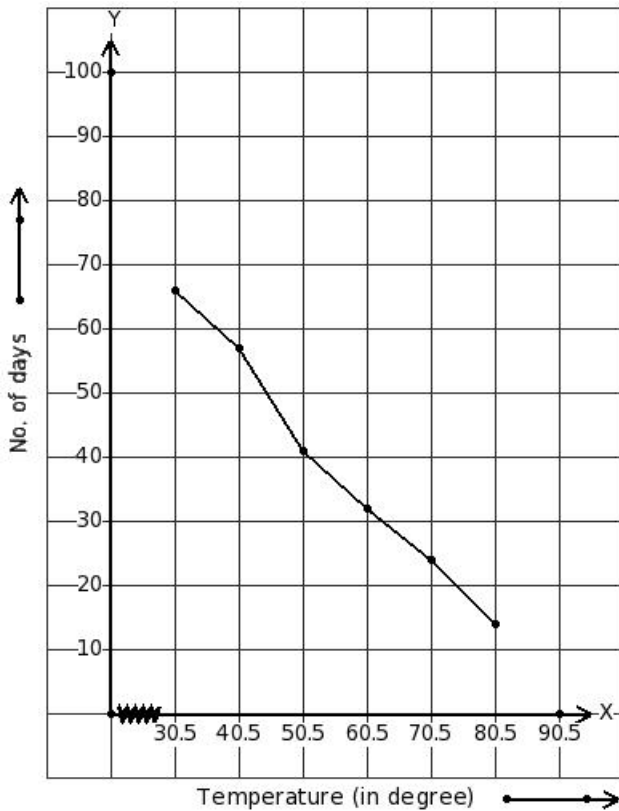
Temperature (in degree)	28 - 36	36 - 44	44 - 52	52 - 60	60 - 68	68 - 76	76 - 84
No. of days	11	16	7	10	17	15	7
- (iii)

Temperature (in degree)	28 - 36	36 - 44	44 - 52	52 - 60	60 - 68	68 - 76	76 - 84
No. of days	11	16	7	13	17	15	7
- (iv)

Temperature (in degree)	28 - 36	36 - 44	44 - 52	52 - 60	60 - 68	68 - 76	76 - 84
No. of days	11	7	16	10	17	15	7
- (v)

Temperature (in degree)	28 - 36	36 - 44	44 - 52	52 - 60	60 - 68	68 - 76	76 - 84
No. of days	11	16	9	10	17	15	7

39. Temperatures of 66 days (in °C) are given Identify the frequency distribution table for the more than ogive. below. given ' than ogive.



(i)

Temperature (in degree)	31 - 40	41 - 50	51 - 60	61 - 70	71 - 80	81 - 90
No. of days	9	16	9	5	10	14

(ii)

Temperature (in degree)	31 - 40	41 - 50	51 - 60	61 - 70	71 - 80	81 - 90
No. of days	9	16	7	8	10	14

(iii)

Temperature (in degree)	31 - 40	41 - 50	51 - 60	61 - 70	71 - 80	81 - 90
No. of days	9	14	9	8	10	16

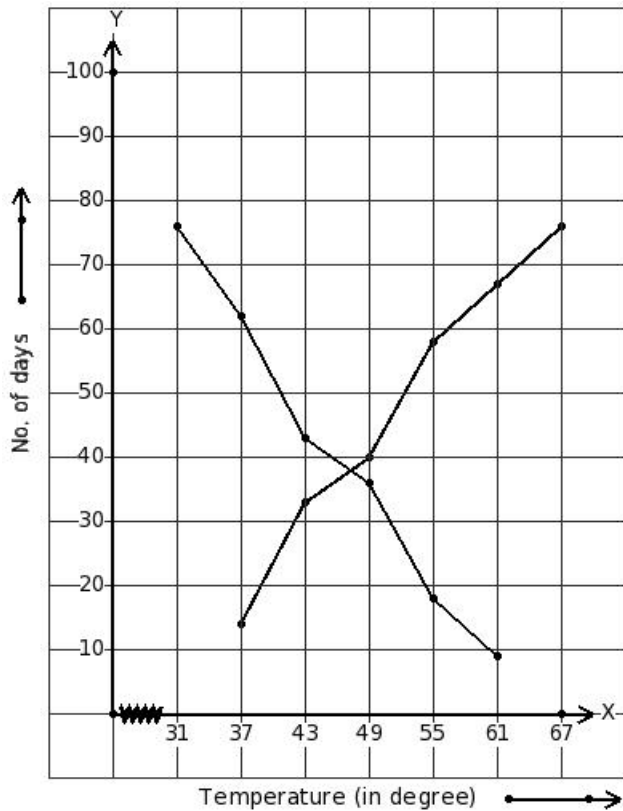
(iv)

Temperature (in degree)	31 - 40	41 - 50	51 - 60	61 - 70	71 - 80	81 - 90
No. of days	9	16	9	8	10	14

(v)

Temperature (in degree)	31 - 40	41 - 50	51 - 60	61 - 70	71 - 80	81 - 90
No. of days	9	9	16	8	10	14

40. Temperatures of 76 days (in °C) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Temperature (in degree)	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
No. of days	14	19	2	18	9	9

(ii)

Temperature (in degree)	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
No. of days	14	19	7	18	9	9

(iii)

Temperature (in degree)	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
No. of days	14	7	19	18	9	9

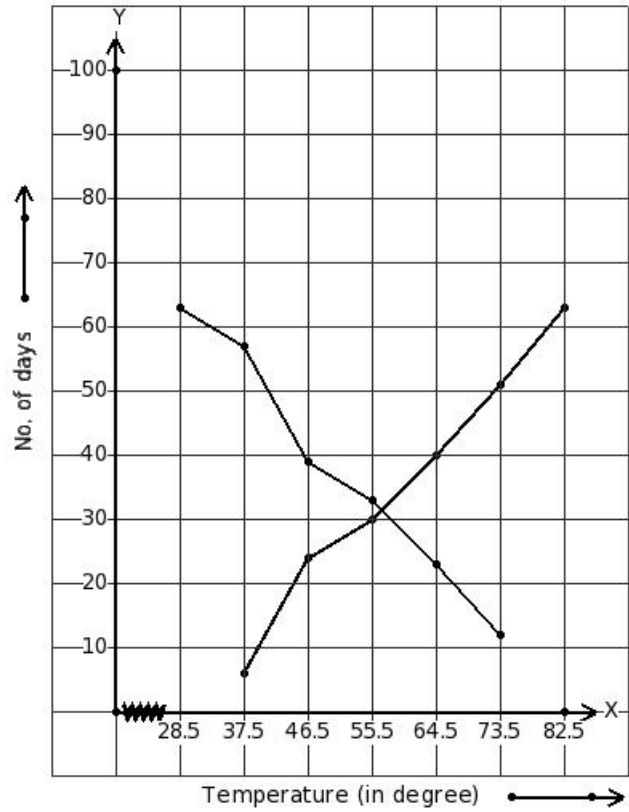
(iv)

Temperature (in degree)	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
No. of days	14	9	7	18	9	19

(v)

Temperature (in degree)	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
No. of days	14	19	7	23	9	9

41. Temperatures of 63 days (in °C) are given Identify the frequency distribution table for the median 'ogive' below.



- (i)

Temperature (in degree)	29 - 37	38 - 46	47 - 55	56 - 64	65 - 73	74 - 82
No. of days	6	18	6	10	11	12
- (ii)

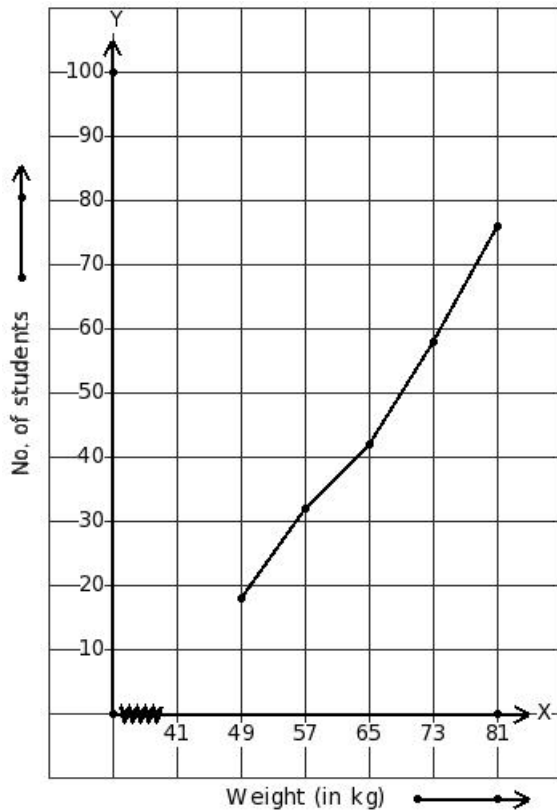
Temperature (in degree)	29 - 37	38 - 46	47 - 55	56 - 64	65 - 73	74 - 82
No. of days	6	18	6	15	11	12
- (iii)

Temperature (in degree)	29 - 37	38 - 46	47 - 55	56 - 64	65 - 73	74 - 82
No. of days	6	12	6	10	11	18
- (iv)

Temperature (in degree)	29 - 37	38 - 46	47 - 55	56 - 64	65 - 73	74 - 82
No. of days	6	6	18	10	11	12
- (v)

Temperature (in degree)	29 - 37	38 - 46	47 - 55	56 - 64	65 - 73	74 - 82
No. of days	6	18	1	10	11	12

42. Weights of 76 students (in kg) are given Identify the frequency distribution table for the less than ogive.



(i)

Weight (in kg)	41 - 49	49 - 57	57 - 65	65 - 73	73 - 81
No. of students	18	10	14	16	18

(ii)

Weight (in kg)	41 - 49	49 - 57	57 - 65	65 - 73	73 - 81
No. of students	18	19	10	16	18

(iii)

Weight (in kg)	41 - 49	49 - 57	57 - 65	65 - 73	73 - 81
No. of students	18	14	15	16	18

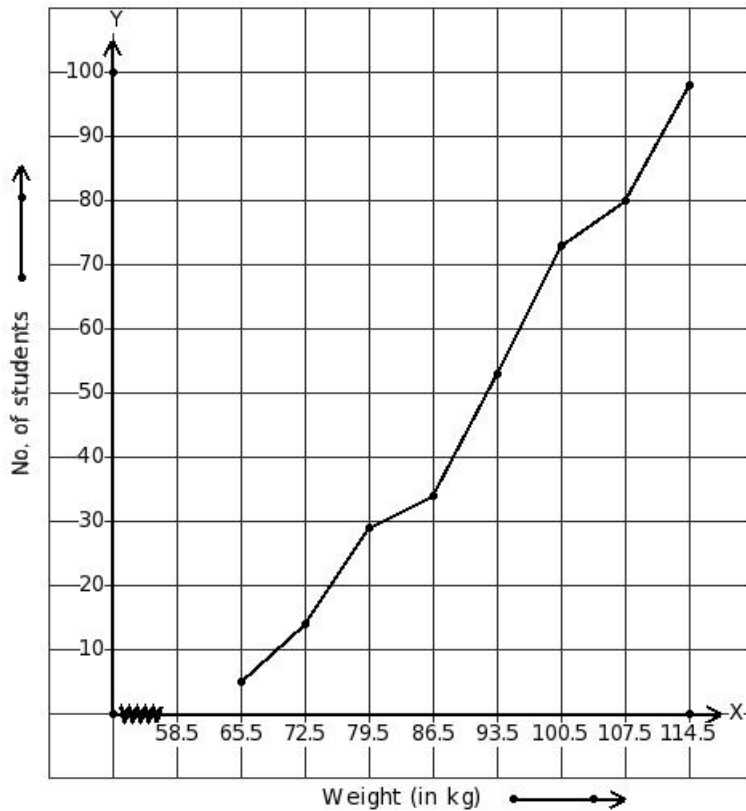
(iv)

Weight (in kg)	41 - 49	49 - 57	57 - 65	65 - 73	73 - 81
No. of students	18	14	10	16	18

(v)

Weight (in kg)	41 - 49	49 - 57	57 - 65	65 - 73	73 - 81
No. of students	18	18	10	16	14

43. Weights of 98 students (in kg) are given Identify the frequency distribution table for the less than ogive.



(i)

Weight (in kg)	59 - 65	66 - 72	73 - 79	80 - 86	87 - 93	94 - 100	101 - 107	108 - 114
No. of students	5	9	5	15	19	20	7	18

(ii)

Weight (in kg)	59 - 65	66 - 72	73 - 79	80 - 86	87 - 93	94 - 100	101 - 107	108 - 114
No. of students	5	9	17	5	19	20	7	18

(iii)

Weight (in kg)	59 - 65	66 - 72	73 - 79	80 - 86	87 - 93	94 - 100	101 - 107	108 - 114
No. of students	5	18	15	5	19	20	7	9

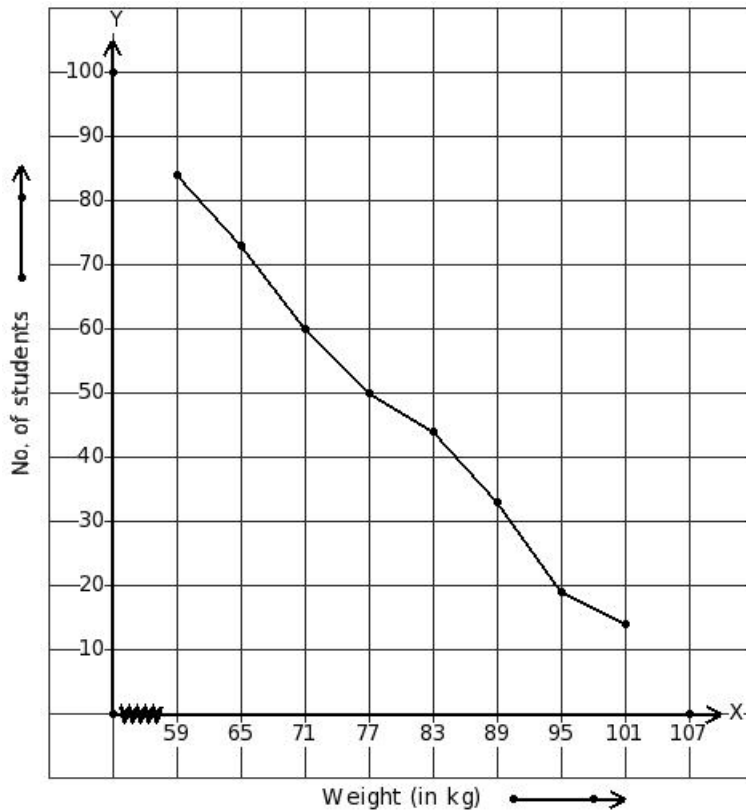
(iv)

Weight (in kg)	59 - 65	66 - 72	73 - 79	80 - 86	87 - 93	94 - 100	101 - 107	108 - 114
No. of students	5	9	15	5	14	20	7	18

(v)

Weight (in kg)	59 - 65	66 - 72	73 - 79	80 - 86	87 - 93	94 - 100	101 - 107	108 - 114
No. of students	5	9	15	5	19	20	7	18

44. Weights of 84 students (in kg) are given Identify the frequency distribution table for the more than ogive.



(i)

Weight (in kg)	59 - 65	65 - 71	71 - 77	77 - 83	83 - 89	89 - 95	95 - 101	101 - 107
No. of students	11	13	6	10	11	14	5	14

(ii)

Weight (in kg)	59 - 65	65 - 71	71 - 77	77 - 83	83 - 89	89 - 95	95 - 101	101 - 107
No. of students	11	14	10	6	11	14	5	13

(iii)

Weight (in kg)	59 - 65	65 - 71	71 - 77	77 - 83	83 - 89	89 - 95	95 - 101	101 - 107
No. of students	11	13	10	6	11	14	5	14

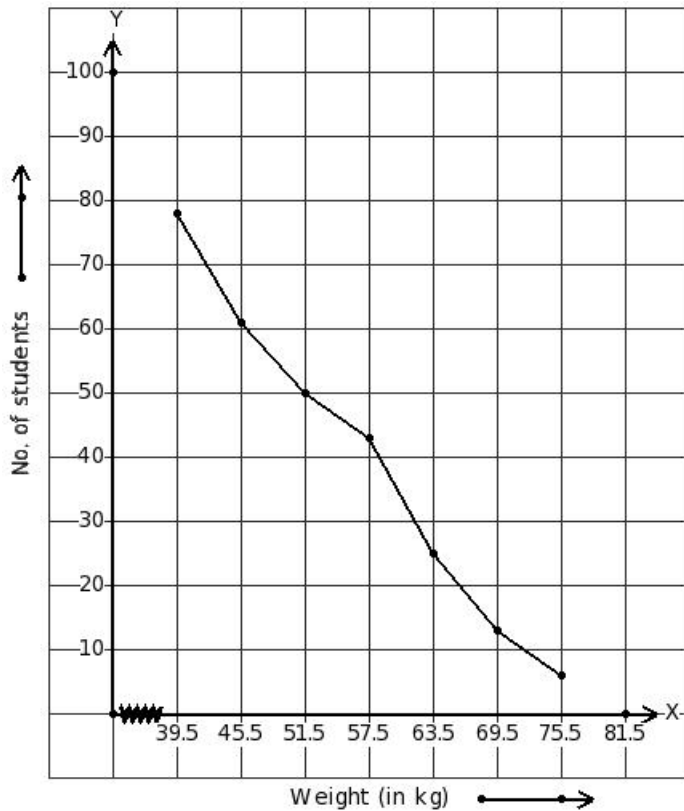
(iv)

Weight (in kg)	59 - 65	65 - 71	71 - 77	77 - 83	83 - 89	89 - 95	95 - 101	101 - 107
No. of students	11	13	15	6	11	14	5	14

(v)

Weight (in kg)	59 - 65	65 - 71	71 - 77	77 - 83	83 - 89	89 - 95	95 - 101	101 - 107
No. of students	11	13	10	6	15	14	5	14

45. Weights of 78 students (in kg) are given Identify the frequency distribution table for the more than ogive.



(i)

Weight (in kg)	40 - 45	46 - 51	52 - 57	58 - 63	64 - 69	70 - 75	76 - 81
No. of students	17	11	7	18	12	7	6

(ii)

Weight (in kg)	40 - 45	46 - 51	52 - 57	58 - 63	64 - 69	70 - 75	76 - 81
No. of students	17	11	11	18	12	7	6

(iii)

Weight (in kg)	40 - 45	46 - 51	52 - 57	58 - 63	64 - 69	70 - 75	76 - 81
No. of students	17	7	11	18	12	7	6

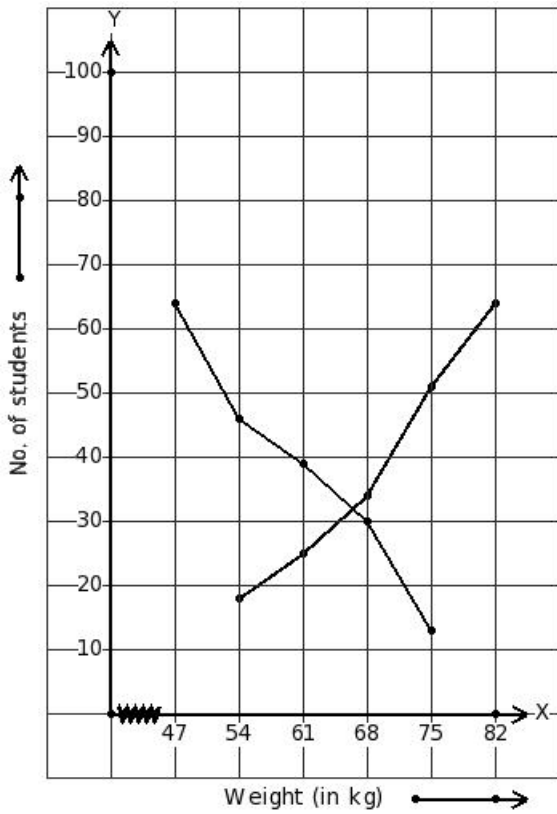
(iv)

Weight (in kg)	40 - 45	46 - 51	52 - 57	58 - 63	64 - 69	70 - 75	76 - 81
No. of students	17	6	7	18	12	7	11

(v)

Weight (in kg)	40 - 45	46 - 51	52 - 57	58 - 63	64 - 69	70 - 75	76 - 81
No. of students	17	11	7	13	12	7	6

46. Weights of 64 students (in kg) are given Identify the frequency distribution table for the 'median' ogive.
below. given '



(i)

Weight (in kg)	47 - 54	54 - 61	61 - 68	68 - 75	75 - 82
No. of students	18	9	7	17	13

(ii)

Weight (in kg)	47 - 54	54 - 61	61 - 68	68 - 75	75 - 82
No. of students	18	13	9	17	7

(iii)

Weight (in kg)	47 - 54	54 - 61	61 - 68	68 - 75	75 - 82
No. of students	18	9	9	17	13

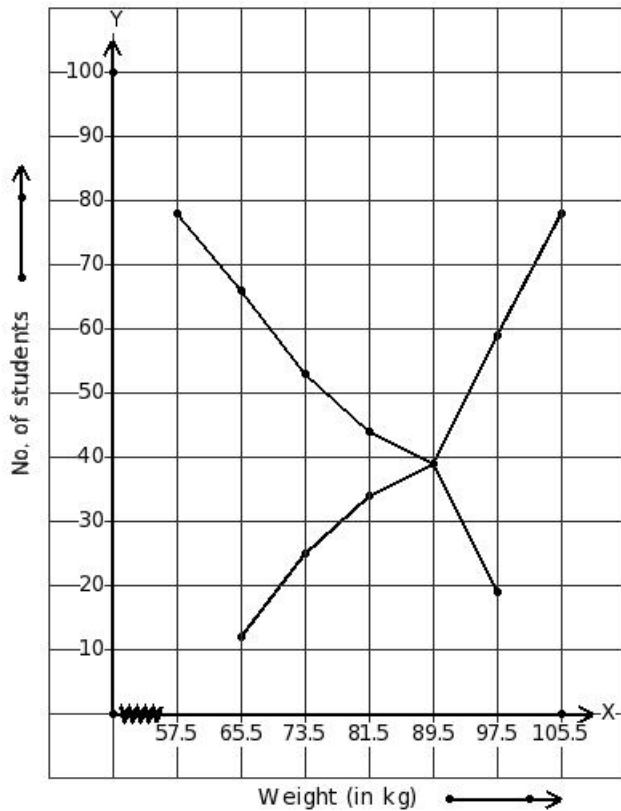
(iv)

Weight (in kg)	47 - 54	54 - 61	61 - 68	68 - 75	75 - 82
No. of students	18	7	5	17	13

(v)

Weight (in kg)	47 - 54	54 - 61	61 - 68	68 - 75	75 - 82
No. of students	18	7	9	17	13

47. Weights of 78 students (in kg) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Weight (in kg)	58 - 65	66 - 73	74 - 81	82 - 89	90 - 97	98 - 105
No. of students	12	19	9	5	20	13

(ii)

Weight (in kg)	58 - 65	66 - 73	74 - 81	82 - 89	90 - 97	98 - 105
No. of students	12	13	9	5	20	19

(iii)

Weight (in kg)	58 - 65	66 - 73	74 - 81	82 - 89	90 - 97	98 - 105
No. of students	12	13	9	2	20	19

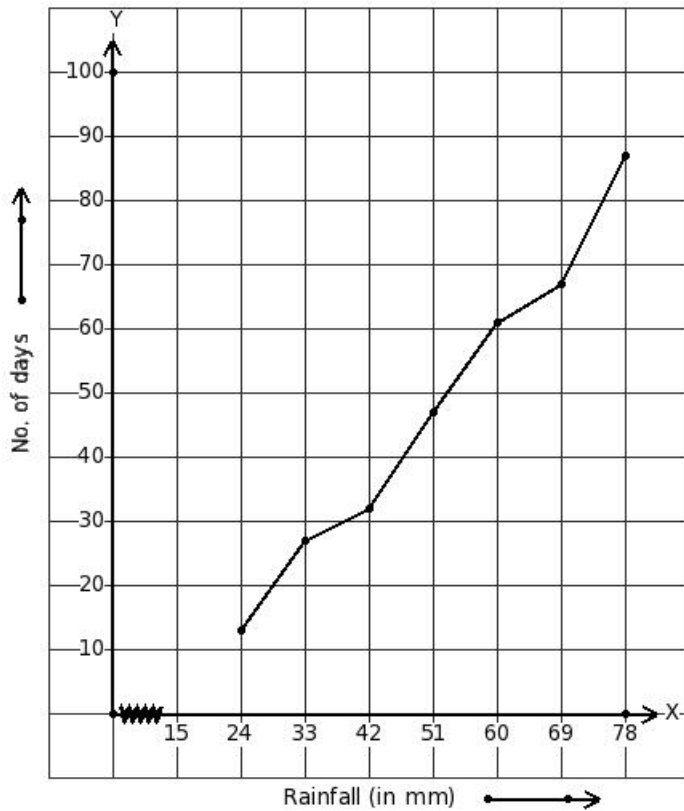
(iv)

Weight (in kg)	58 - 65	66 - 73	74 - 81	82 - 89	90 - 97	98 - 105
No. of students	12	13	12	5	20	19

(v)

Weight (in kg)	58 - 65	66 - 73	74 - 81	82 - 89	90 - 97	98 - 105
No. of students	12	9	13	5	20	19

48. Rainfall of 87 days (in mm) are given Identify the frequency distribution table for the less than ogive.



(i)

Rainfall (in mm)	15 - 24	24 - 33	33 - 42	42 - 51	51 - 60	60 - 69	69 - 78
No. of days	13	14	5	18	14	6	20

(ii)

Rainfall (in mm)	15 - 24	24 - 33	33 - 42	42 - 51	51 - 60	60 - 69	69 - 78
No. of days	13	14	5	15	14	6	20

(iii)

Rainfall (in mm)	15 - 24	24 - 33	33 - 42	42 - 51	51 - 60	60 - 69	69 - 78
No. of days	13	20	5	15	14	6	14

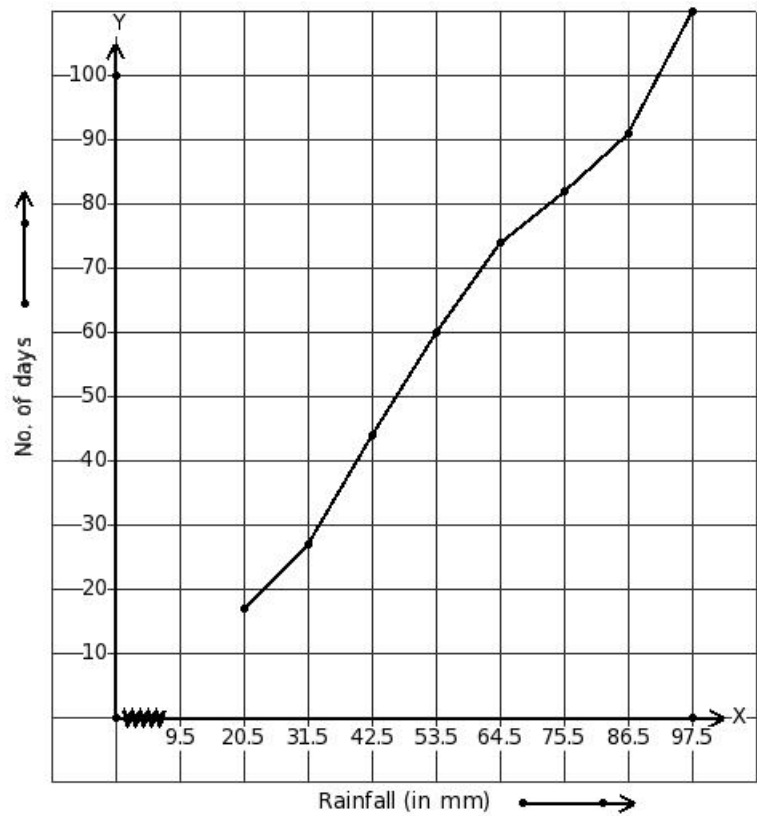
(iv)

Rainfall (in mm)	15 - 24	24 - 33	33 - 42	42 - 51	51 - 60	60 - 69	69 - 78
No. of days	13	5	14	15	14	6	20

(v)

Rainfall (in mm)	15 - 24	24 - 33	33 - 42	42 - 51	51 - 60	60 - 69	69 - 78
No. of days	13	14	9	15	14	6	20

49. Rainfall of 110 days (in mm) are given Identify the frequency distribution table for the less than ogive.
below. given ' than ogive.



- (i)

Rainfall (in mm)	10 - 20	21 - 31	32 - 42	43 - 53	54 - 64	65 - 75	76 - 86	87 - 97
No. of days	17	10	17	16	14	8	9	19
- (ii)

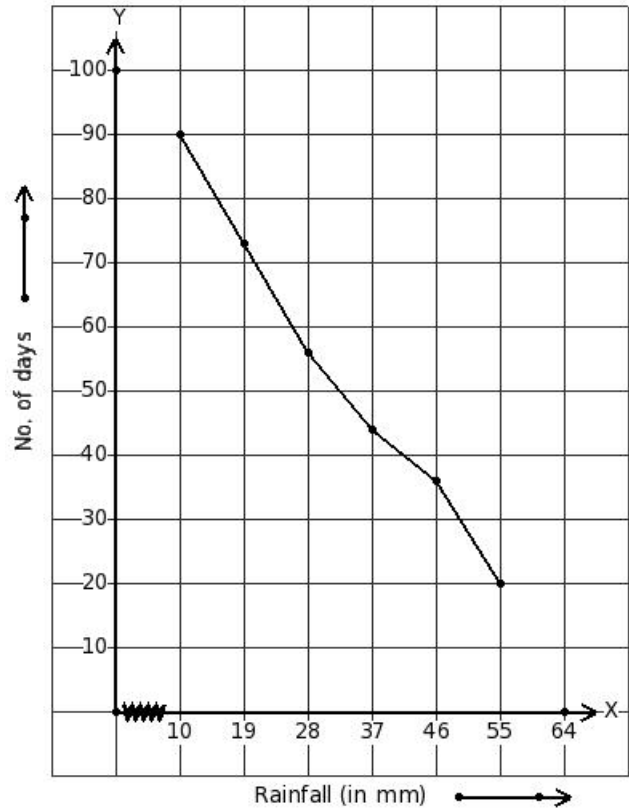
Rainfall (in mm)	10 - 20	21 - 31	32 - 42	43 - 53	54 - 64	65 - 75	76 - 86	87 - 97
No. of days	17	10	16	17	14	8	9	19
- (iii)

Rainfall (in mm)	10 - 20	21 - 31	32 - 42	43 - 53	54 - 64	65 - 75	76 - 86	87 - 97
No. of days	17	19	17	16	14	8	9	10
- (iv)

Rainfall (in mm)	10 - 20	21 - 31	32 - 42	43 - 53	54 - 64	65 - 75	76 - 86	87 - 97
No. of days	17	10	17	16	12	8	9	19
- (v)

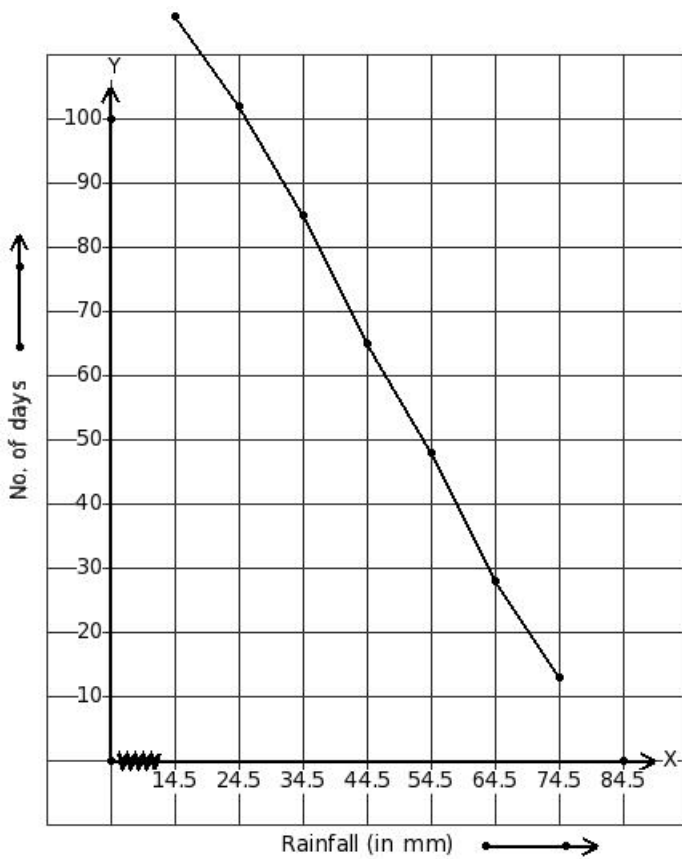
Rainfall (in mm)	10 - 20	21 - 31	32 - 42	43 - 53	54 - 64	65 - 75	76 - 86	87 - 97
No. of days	17	10	12	16	14	8	9	19

50. Rainfall of 90 days (in mm) are given Identify the frequency distribution table for the more 'ogive.
below. given ' than



- (i)
- | Rainfall (in mm) | 10 - 19 | 19 - 28 | 28 - 37 | 37 - 46 | 46 - 55 | 55 - 64 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 17 | 17 | 12 | 4 | 16 | 20 |
- (ii)
- | Rainfall (in mm) | 10 - 19 | 19 - 28 | 28 - 37 | 37 - 46 | 46 - 55 | 55 - 64 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 17 | 12 | 17 | 8 | 16 | 20 |
- (iii)
- | Rainfall (in mm) | 10 - 19 | 19 - 28 | 28 - 37 | 37 - 46 | 46 - 55 | 55 - 64 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 17 | 20 | 12 | 8 | 16 | 17 |
- (iv)
- | Rainfall (in mm) | 10 - 19 | 19 - 28 | 28 - 37 | 37 - 46 | 46 - 55 | 55 - 64 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 17 | 17 | 12 | 8 | 16 | 20 |
- (v)
- | Rainfall (in mm) | 10 - 19 | 19 - 28 | 28 - 37 | 37 - 46 | 46 - 55 | 55 - 64 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 17 | 17 | 9 | 8 | 16 | 20 |

51. Rainfall of 116 days (in mm) are given Identify the frequency distribution table for the more than ogive. below. given ' than ogive.



(i)

Rainfall (in mm)	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
No. of days	14	17	16	17	20	15	13

(ii)

Rainfall (in mm)	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
No. of days	14	13	20	17	20	15	17

(iii)

Rainfall (in mm)	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
No. of days	14	17	20	22	20	15	13

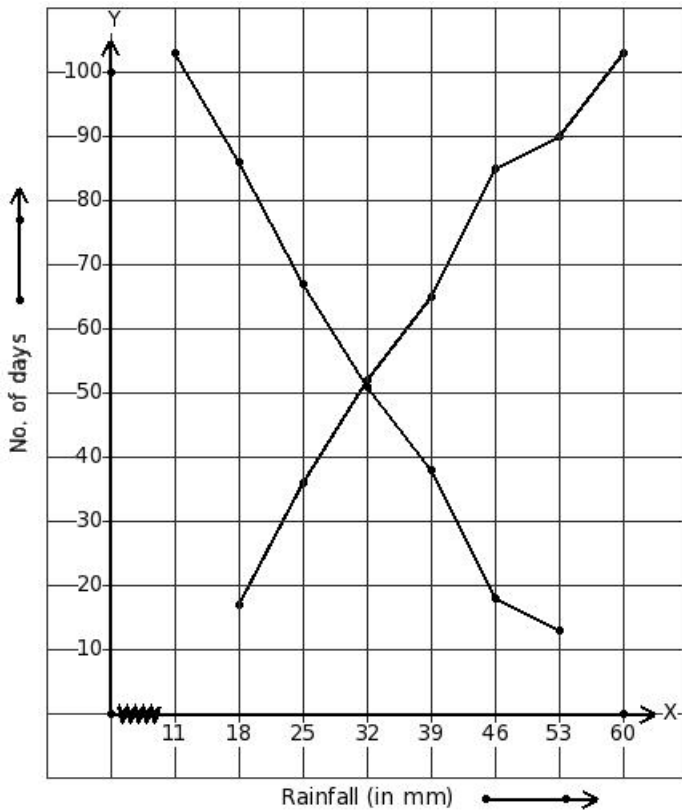
(iv)

Rainfall (in mm)	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
No. of days	14	20	17	17	20	15	13

(v)

Rainfall (in mm)	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
No. of days	14	17	20	17	20	15	13

52. Rainfall of 103 days (in mm) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Rainfall (in mm)	11 - 18	18 - 25	25 - 32	32 - 39	39 - 46	46 - 53	53 - 60
No. of days	17	19	16	9	20	5	13

(ii)

Rainfall (in mm)	11 - 18	18 - 25	25 - 32	32 - 39	39 - 46	46 - 53	53 - 60
No. of days	17	19	21	13	20	5	13

(iii)

Rainfall (in mm)	11 - 18	18 - 25	25 - 32	32 - 39	39 - 46	46 - 53	53 - 60
No. of days	17	19	16	13	20	5	13

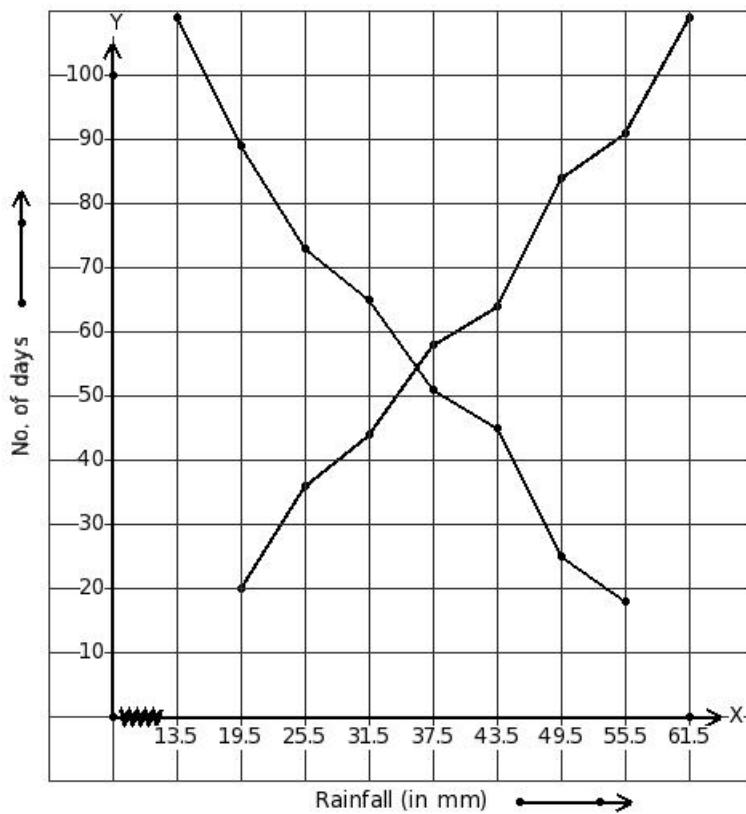
(iv)

Rainfall (in mm)	11 - 18	18 - 25	25 - 32	32 - 39	39 - 46	46 - 53	53 - 60
No. of days	17	16	19	13	20	5	13

(v)

Rainfall (in mm)	11 - 18	18 - 25	25 - 32	32 - 39	39 - 46	46 - 53	53 - 60
No. of days	17	13	16	13	20	5	19

53. Rainfall of 109 days (in mm) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Rainfall (in mm)	14 - 19	20 - 25	26 - 31	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61
No. of days	20	16	6	14	6	20	7	18

(ii)

Rainfall (in mm)	14 - 19	20 - 25	26 - 31	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61
No. of days	20	18	8	14	6	20	7	16

(iii)

Rainfall (in mm)	14 - 19	20 - 25	26 - 31	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61
No. of days	20	16	8	14	6	20	7	18

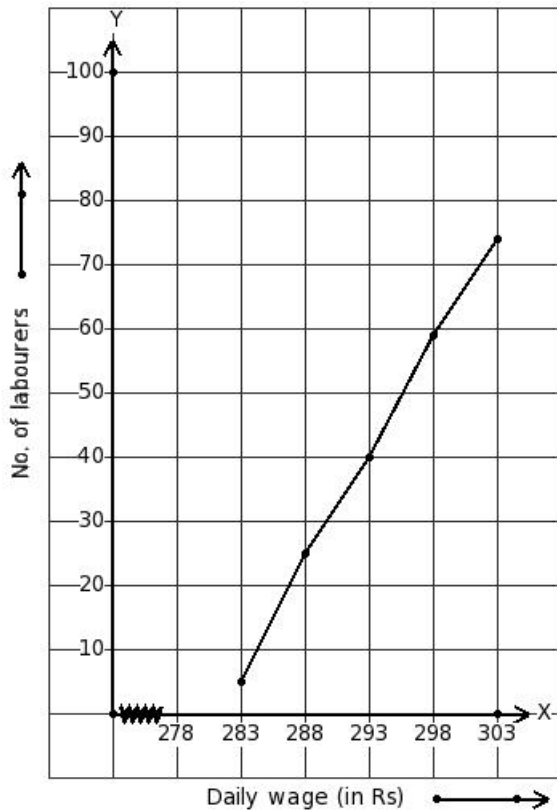
(iv)

Rainfall (in mm)	14 - 19	20 - 25	26 - 31	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61
No. of days	20	16	8	14	9	20	7	18

(v)

Rainfall (in mm)	14 - 19	20 - 25	26 - 31	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61
No. of days	20	16	14	8	6	20	7	18

54. Daily wages of 74 labourers (in ₹) are given Identify the frequency distribution table for the less than ogive.



(i)

Daily wage (in Rs)	278 - 283	283 - 288	288 - 293	293 - 298	298 - 303
No. of labourers	5	15	15	19	20

(ii)

Daily wage (in Rs)	278 - 283	283 - 288	288 - 293	293 - 298	298 - 303
No. of labourers	5	20	15	19	15

(iii)

Daily wage (in Rs)	278 - 283	283 - 288	288 - 293	293 - 298	298 - 303
No. of labourers	5	15	20	19	15

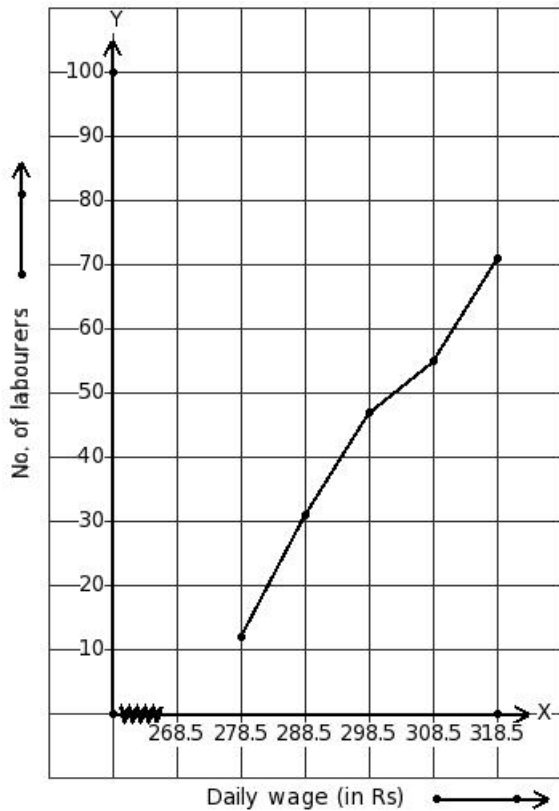
(iv)

Daily wage (in Rs)	278 - 283	283 - 288	288 - 293	293 - 298	298 - 303
No. of labourers	5	25	15	19	15

(v)

Daily wage (in Rs)	278 - 283	283 - 288	288 - 293	293 - 298	298 - 303
No. of labourers	5	20	20	19	15

55. Daily wages of 71 labourers (in ₹) are given Identify the frequency distribution table for the less than ogive.



(i)

Daily wage (in Rs)	269 - 278	279 - 288	289 - 298	299 - 308	309 - 318
No. of labourers	12	19	16	8	16

(ii)

Daily wage (in Rs)	269 - 278	279 - 288	289 - 298	299 - 308	309 - 318
No. of labourers	12	16	19	8	16

(iii)

Daily wage (in Rs)	269 - 278	279 - 288	289 - 298	299 - 308	309 - 318
No. of labourers	12	15	16	8	16

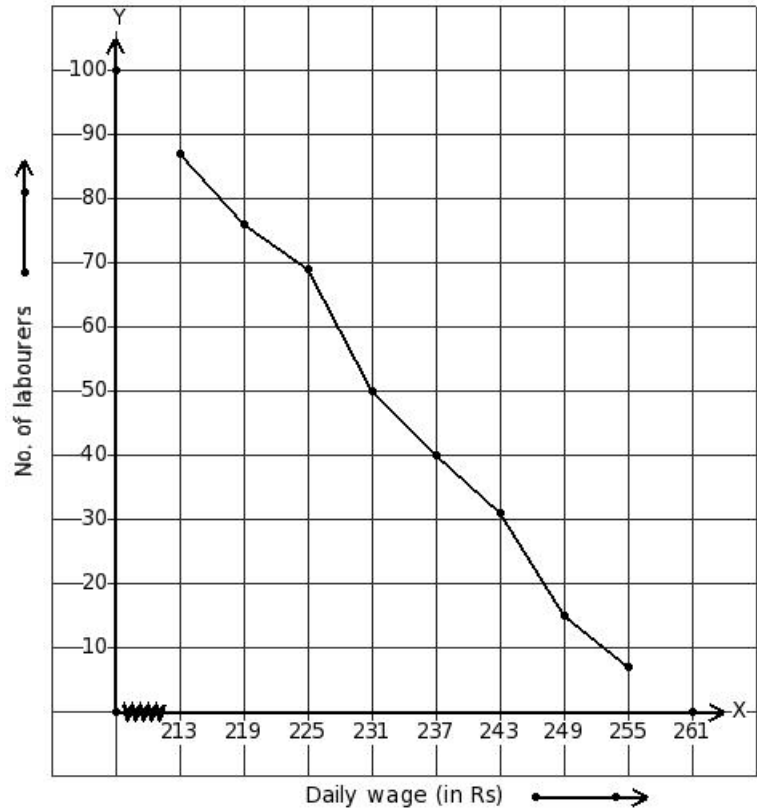
(iv)

Daily wage (in Rs)	269 - 278	279 - 288	289 - 298	299 - 308	309 - 318
No. of labourers	12	19	11	8	16

(v)

Daily wage (in Rs)	269 - 278	279 - 288	289 - 298	299 - 308	309 - 318
No. of labourers	12	16	16	8	19

56. Daily wages of 87 labourers (in ₹) are given Identify the frequency distribution table for the more than ogive.
below. given ' than ogive.



- (i)

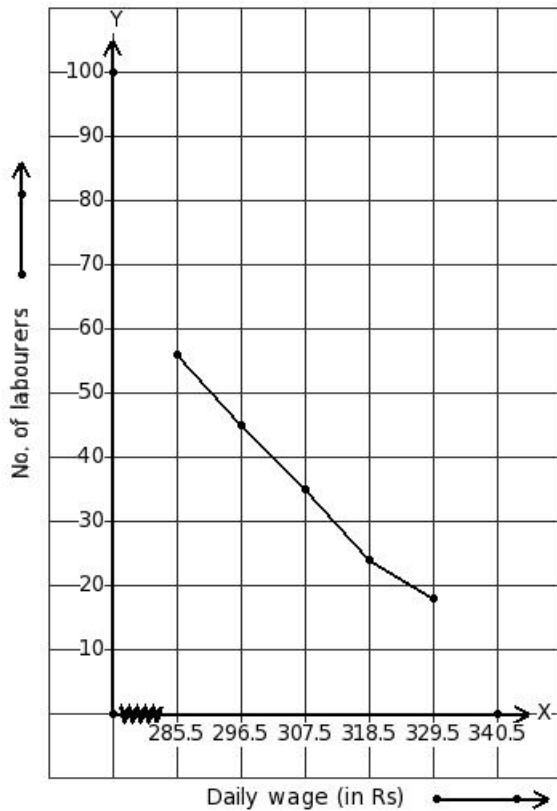
Daily wage (in Rs)	213 - 219	219 - 225	225 - 231	231 - 237	237 - 243	243 - 249	249 - 255	255 - 261
No. of labourers	11	7	10	19	9	16	8	7
- (ii)

Daily wage (in Rs)	213 - 219	219 - 225	225 - 231	231 - 237	237 - 243	243 - 249	249 - 255	255 - 261
No. of labourers	11	7	23	10	9	16	8	7
- (iii)

Daily wage (in Rs)	213 - 219	219 - 225	225 - 231	231 - 237	237 - 243	243 - 249	249 - 255	255 - 261
No. of labourers	11	7	19	10	9	16	8	7
- (iv)

Daily wage (in Rs)	213 - 219	219 - 225	225 - 231	231 - 237	237 - 243	243 - 249	249 - 255	255 - 261
No. of labourers	11	7	19	10	13	16	8	7

57. Daily wages of 56 labourers (in ₹) are given Identify the frequency distribution table for the more than ogive. below. given ' than ogive.



(i)

Daily wage (in Rs)	286 - 296	297 - 307	308 - 318	319 - 329	330 - 340
No. of labourers	11	18	11	6	10

(ii)

Daily wage (in Rs)	286 - 296	297 - 307	308 - 318	319 - 329	330 - 340
No. of labourers	11	10	11	6	18

(iii)

Daily wage (in Rs)	286 - 296	297 - 307	308 - 318	319 - 329	330 - 340
No. of labourers	11	11	10	6	18

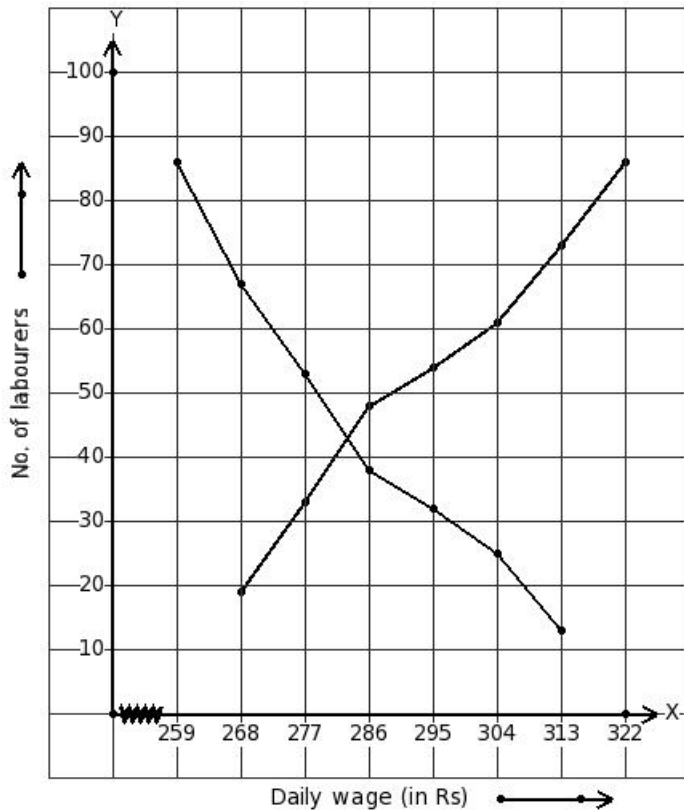
(iv)

Daily wage (in Rs)	286 - 296	297 - 307	308 - 318	319 - 329	330 - 340
No. of labourers	11	13	11	6	18

(v)

Daily wage (in Rs)	286 - 296	297 - 307	308 - 318	319 - 329	330 - 340
No. of labourers	11	10	15	6	18

58. Daily wages of 86 labourers (in ₹) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Daily wage (in Rs)	259 - 268	268 - 277	277 - 286	286 - 295	295 - 304	304 - 313	313 - 322
No. of labourers	19	14	19	6	7	12	13

(ii)

Daily wage (in Rs)	259 - 268	268 - 277	277 - 286	286 - 295	295 - 304	304 - 313	313 - 322
No. of labourers	19	14	15	6	7	12	13

(iii)

Daily wage (in Rs)	259 - 268	268 - 277	277 - 286	286 - 295	295 - 304	304 - 313	313 - 322
No. of labourers	19	13	15	6	7	12	14

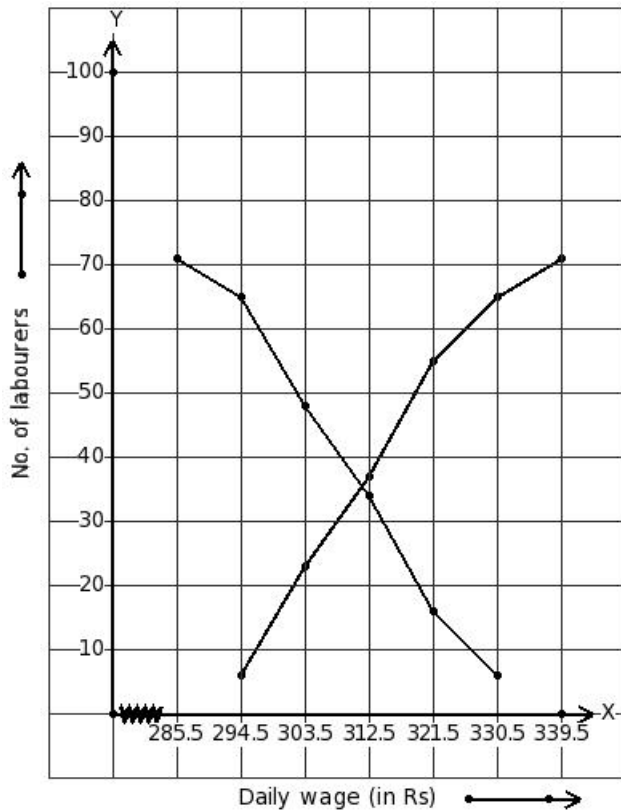
(iv)

Daily wage (in Rs)	259 - 268	268 - 277	277 - 286	286 - 295	295 - 304	304 - 313	313 - 322
No. of labourers	19	14	15	10	7	12	13

(v)

Daily wage (in Rs)	259 - 268	268 - 277	277 - 286	286 - 295	295 - 304	304 - 313	313 - 322
No. of labourers	19	15	14	6	7	12	13

59. Daily wages of 71 labourers (in ₹) are given Identify the frequency distribution table for the median 'ogive' below.



(i)

Daily wage (in Rs)	286 - 294	295 - 303	304 - 312	313 - 321	322 - 330	331 - 339
No. of labourers	6	14	17	18	10	6

(ii)

Daily wage (in Rs)	286 - 294	295 - 303	304 - 312	313 - 321	322 - 330	331 - 339
No. of labourers	6	17	14	13	10	6

(iii)

Daily wage (in Rs)	286 - 294	295 - 303	304 - 312	313 - 321	322 - 330	331 - 339
No. of labourers	6	6	14	18	10	17

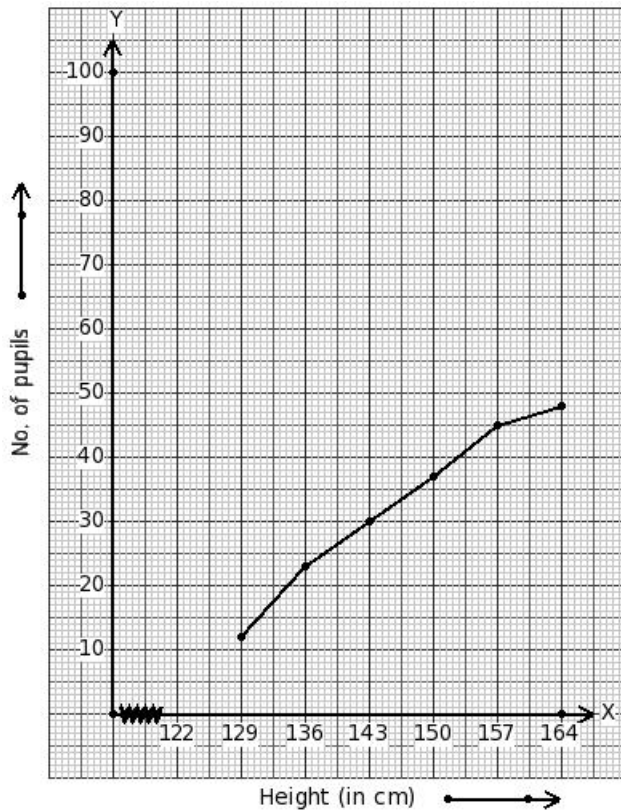
(iv)

Daily wage (in Rs)	286 - 294	295 - 303	304 - 312	313 - 321	322 - 330	331 - 339
No. of labourers	6	17	14	18	10	6

(v)

Daily wage (in Rs)	286 - 294	295 - 303	304 - 312	313 - 321	322 - 330	331 - 339
No. of labourers	6	17	17	18	10	6

60. The heights of 48 pupils in a school are given below. Identify the frequency distribution table for the given less than ogive.



(i)	Height (in cm)	less than 129	less than 136	less than 143	less than 150	less than 157	less than 164
	No. of pupils	12	23	30	37	45	48

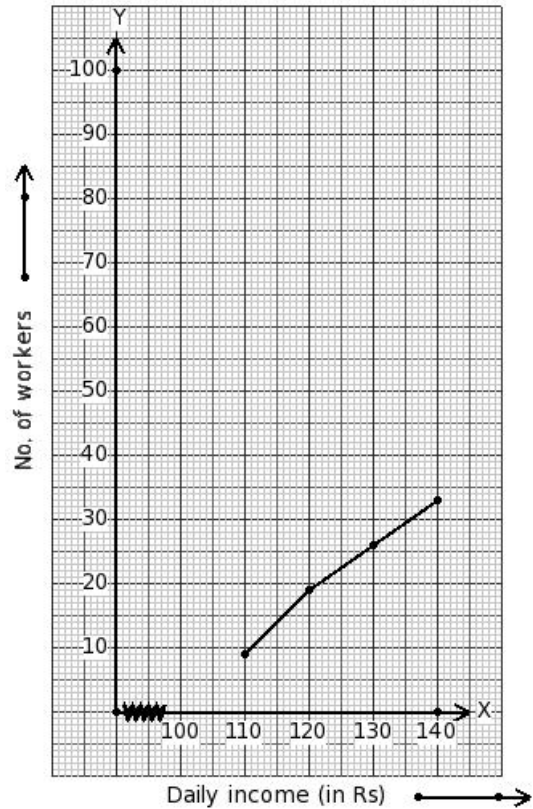
(ii)	Height (in cm)	less than 129	less than 136	less than 143	less than 150	less than 157	less than 164
	No. of pupils	12	23	30	33	41	44

(iii)	Height (in cm)	less than 129	less than 136	less than 143	less than 150	less than 157	less than 164
	No. of pupils	12	23	32	39	47	50

(iv)	Height (in cm)	less than 129	less than 136	less than 143	less than 150	less than 157	less than 164
	No. of pupils	12	19	30	37	45	48

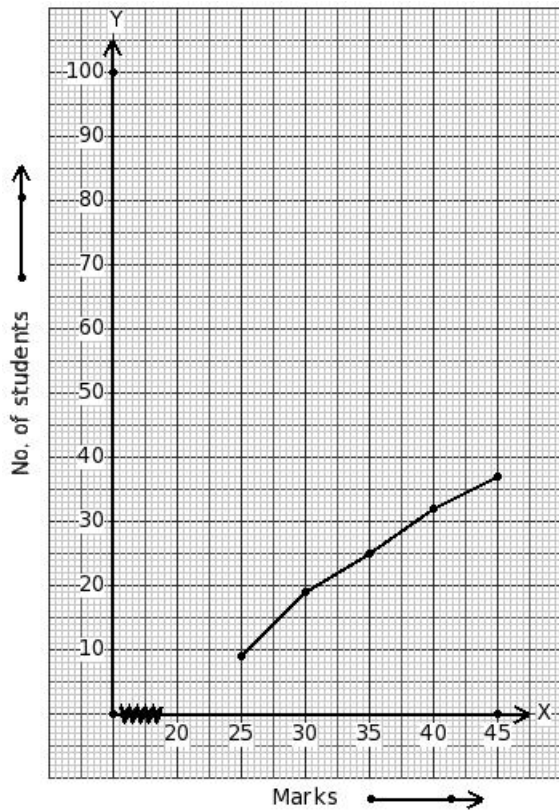
(v)	Height (in cm)	less than 129	less than 136	less than 143	less than 150	less than 157	less than 164
	No. of pupils	12	15	22	29	37	48

61. The daily income of 33 workers of a factory is given below. Identify the frequency distribution table for the given less than ogive.



- (i)
- | | | | | |
|----------------------|---------------|---------------|---------------|---------------|
| Daily income (in Rs) | less than 110 | less than 120 | less than 130 | less than 140 |
| No. of workers | 9 | 19 | 31 | 38 |
- (ii)
- | | | | | |
|----------------------|---------------|---------------|---------------|---------------|
| Daily income (in Rs) | less than 110 | less than 120 | less than 130 | less than 140 |
| No. of workers | 9 | 19 | 26 | 33 |
- (iii)
- | | | | | |
|----------------------|---------------|---------------|---------------|---------------|
| Daily income (in Rs) | less than 110 | less than 120 | less than 130 | less than 140 |
| No. of workers | 7 | 17 | 24 | 33 |
- (iv)
- | | | | | |
|----------------------|---------------|---------------|---------------|---------------|
| Daily income (in Rs) | less than 110 | less than 120 | less than 130 | less than 140 |
| No. of workers | 9 | 17 | 24 | 31 |
- (v)
- | | | | | |
|----------------------|---------------|---------------|---------------|---------------|
| Daily income (in Rs) | less than 110 | less than 120 | less than 130 | less than 140 |
| No. of workers | 9 | 16 | 26 | 33 |

62. The marks obtained by 37 students of a class in an examination is given below. Identify the frequency distribution table for the given less than ogive.



(i)

Marks	less than 25	less than 30	less than 35	less than 40	less than 45
No. of students	9	19	22	29	34

(ii)

Marks	less than 25	less than 30	less than 35	less than 40	less than 45
No. of students	9	14	20	27	37

(iii)

Marks	less than 25	less than 30	less than 35	less than 40	less than 45
No. of students	9	15	25	32	37

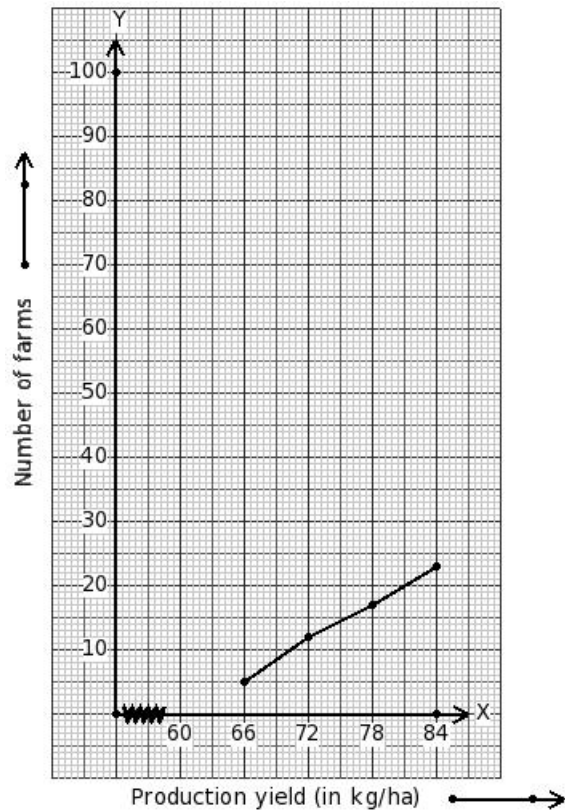
(iv)

Marks	less than 25	less than 30	less than 35	less than 40	less than 45
No. of students	9	19	25	32	37

(v)

Marks	less than 25	less than 30	less than 35	less than 40	less than 45
No. of students	9	14	20	27	32

63. The production yield in kg per hectare of wheat of 23 farms of a village is given below. Identify the frequency distribution table for the given less than ogive.



- (i)

Production yield (in kg/ha)	less than 66	less than 72	less than 78	less than 84
Number of farms	5	15	20	26
- (ii)

Production yield (in kg/ha)	less than 66	less than 72	less than 78	less than 84
Number of farms	5	12	13	19
- (iii)

Production yield (in kg/ha)	less than 66	less than 72	less than 78	less than 84
Number of farms	5	12	17	23
- (iv)

Production yield (in kg/ha)	less than 66	less than 72	less than 78	less than 84
Number of farms	5	10	17	23
- (v)

Production yield (in kg/ha)	less than 66	less than 72	less than 78	less than 84
Number of farms	6	13	18	23

Assignment Key

- 1) (iv)
- 2) (i)
- 3) (ii)
- 4) (iv)
- 5) (i)
- 6) (iv)
- 7) (i)
- 8) (v)
- 9) (i)
- 10) (v)
- 11) (i)
- 12) (iii)
- 13) (iv)
- 14) (i)
- 15) (iv)
- 16) (ii)
- 17) (ii)
- 18) (v)
- 19) (iii)
- 20) (v)
- 21) (ii)
- 22) (v)
- 23) (iv)
- 24) (v)
- 25) (i)
- 26) (ii)
- 27) (iv)
- 28) (iii)
- 29) (ii)
- 30) (ii)
- 31) (iii)
- 32) (iii)
- 33) (i)
- 34) (i)
- 35) (i)
- 36) (iii)
- 37) (ii)
- 38) (ii)
- 39) (iv)
- 40) (ii)
- 41) (i)
- 42) (iv)
- 43) (v)
- 44) (iii)
- 45) (i)
- 46) (v)
- 47) (ii)
- 48) (ii)
- 49) (i)
- 50) (iv)
- 51) (v)
- 52) (iii)
- 53) (iii)
- 54) (ii)
- 55) (i)

- 56) (iii)
- 57) (ii)
- 58) (ii)
- 59) (iv)
- 60) (i)
- 61) (ii)
- 62) (iv)
- 63) (iii)