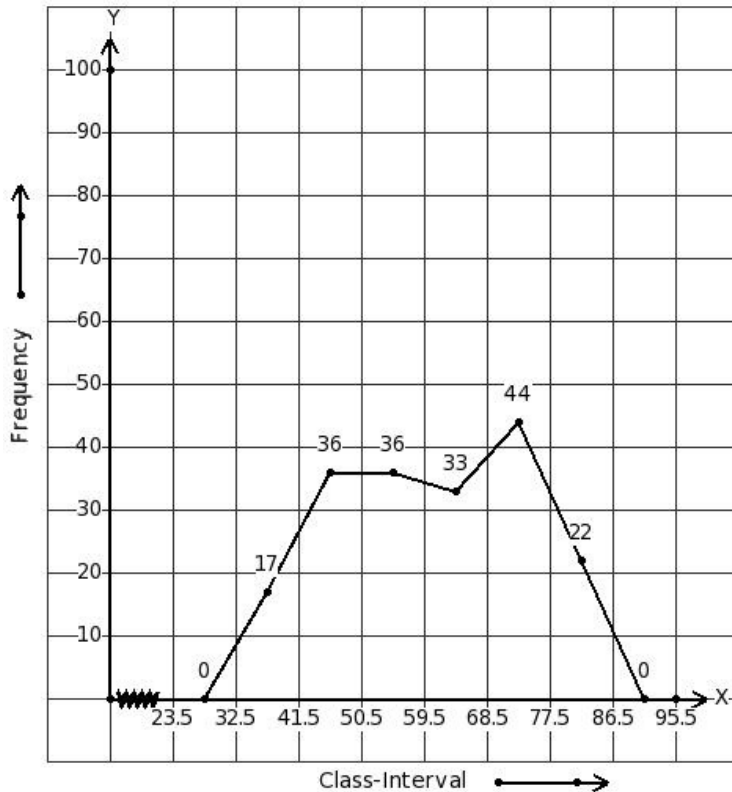




1. Identify the class interval table for the given frequency polygon.



(i)

Class-Interval	33 - 41	42 - 50	51 - 59	60 - 68	69 - 77	78 - 86
Frequency	17	36	36	36	44	22

(ii)

Class-Interval	33 - 41	42 - 50	51 - 59	60 - 68	69 - 77	78 - 86
Frequency	17	22	36	33	44	36

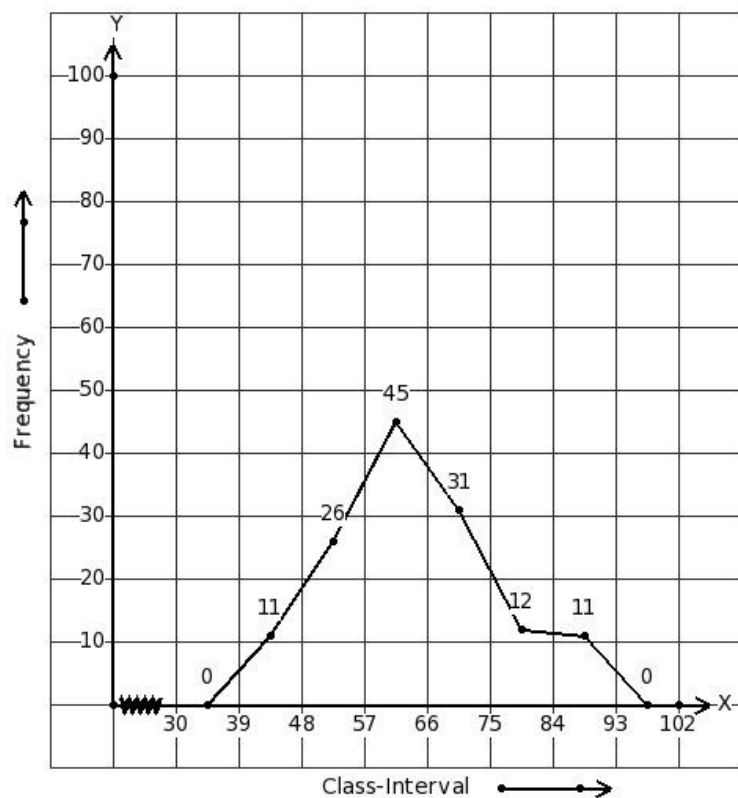
(iii)

Class-Interval	33 - 41	42 - 50	51 - 59	60 - 68	69 - 77	78 - 86
Frequency	17	36	40	33	44	22

(iv)

Class-Interval	33 - 41	42 - 50	51 - 59	60 - 68	69 - 77	78 - 86
Frequency	17	36	36	33	44	22

2. Identify the class interval table for the given frequency polygon.



(i)

Class-Interval	39 - 48	48 - 57	57 - 66	66 - 75	75 - 84	84 - 93
Frequency	11	11	45	31	12	26

(ii)

Class-Interval	39 - 48	48 - 57	57 - 66	66 - 75	75 - 84	84 - 93
Frequency	11	26	43	31	12	11

(iii)

Class-Interval	39 - 48	48 - 57	57 - 66	66 - 75	75 - 84	84 - 93
Frequency	11	26	45	31	12	11

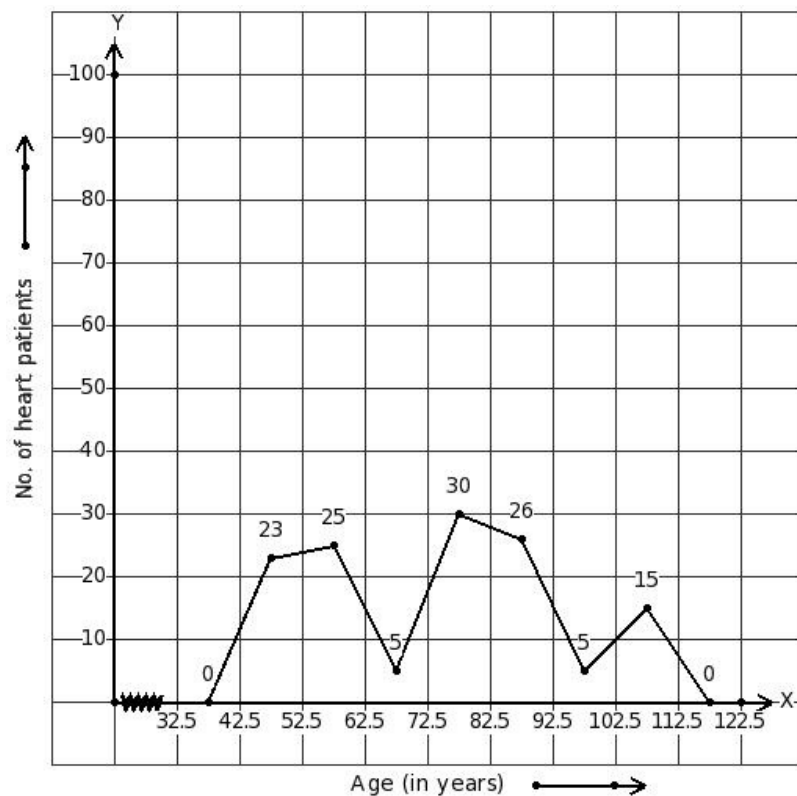
(iv)

Class-Interval	39 - 48	48 - 57	57 - 66	66 - 75	75 - 84	84 - 93
Frequency	11	26	45	36	12	11

(v)

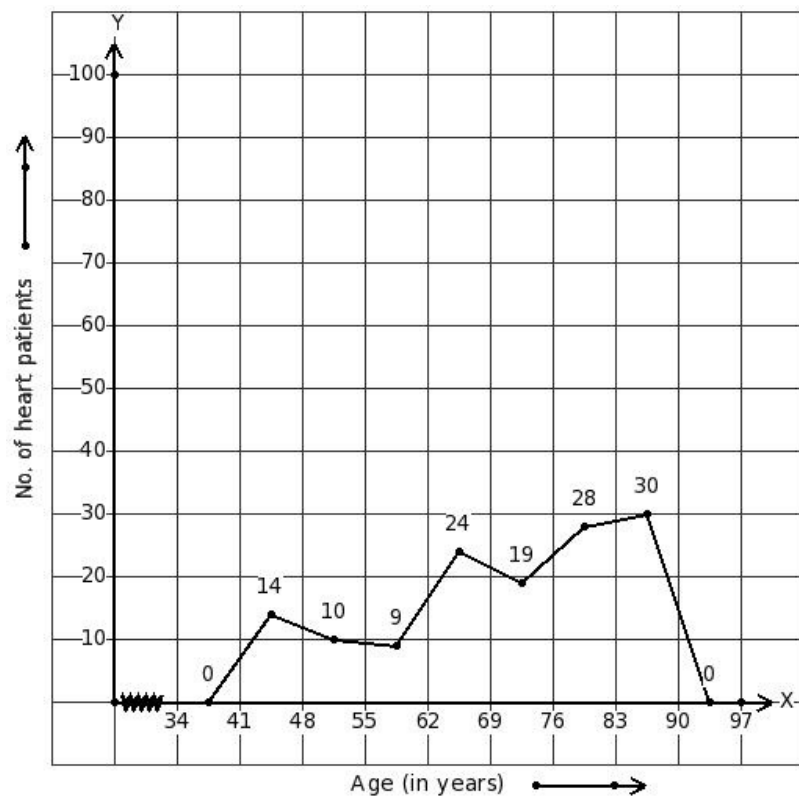
Class-Interval	39 - 48	48 - 57	57 - 66	66 - 75	75 - 84	84 - 93
Frequency	11	45	26	31	12	11

3. Given frequency polygon showing the number of heart patients at various age groups, identify the class interval table.



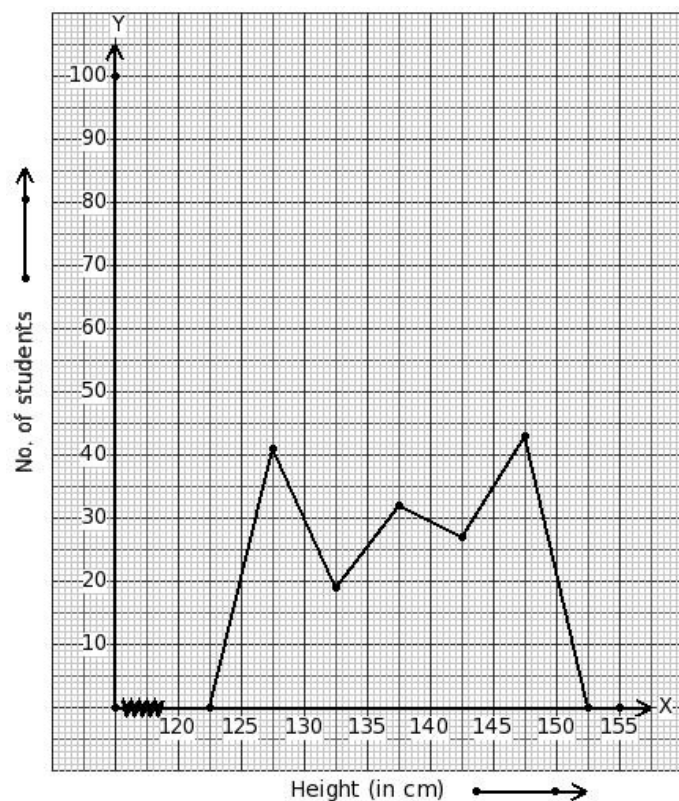
- (i)
- | Age (in years) | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 | 93 - 102 | 103 - 112 |
|-----------------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of heart patients | 23 | 25 | 10 | 30 | 26 | 5 | 15 |
- (ii)
- | Age (in years) | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 | 93 - 102 | 103 - 112 |
|-----------------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of heart patients | 23 | 25 | 5 | 34 | 26 | 5 | 15 |
- (iii)
- | Age (in years) | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 | 93 - 102 | 103 - 112 |
|-----------------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of heart patients | 23 | 25 | 5 | 30 | 26 | 5 | 15 |
- (iv)
- | Age (in years) | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 | 93 - 102 | 103 - 112 |
|-----------------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of heart patients | 23 | 15 | 5 | 30 | 26 | 5 | 25 |
- (v)
- | Age (in years) | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 | 93 - 102 | 103 - 112 |
|-----------------------|---------|---------|---------|---------|---------|----------|-----------|
| No. of heart patients | 23 | 5 | 25 | 30 | 26 | 5 | 15 |

4. Given frequency polygon showing the number of heart patients at various age groups, identify the class interval table.



- (i)
- | Age (in years) | 41 - 48 | 48 - 55 | 55 - 62 | 62 - 69 | 69 - 76 | 76 - 83 | 83 - 90 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 14 | 30 | 9 | 24 | 19 | 28 | 10 |
- (ii)
- | Age (in years) | 41 - 48 | 48 - 55 | 55 - 62 | 62 - 69 | 69 - 76 | 76 - 83 | 83 - 90 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 14 | 10 | 9 | 24 | 19 | 28 | 30 |
- (iii)
- | Age (in years) | 41 - 48 | 48 - 55 | 55 - 62 | 62 - 69 | 69 - 76 | 76 - 83 | 83 - 90 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 14 | 9 | 10 | 24 | 19 | 28 | 30 |
- (iv)
- | Age (in years) | 41 - 48 | 48 - 55 | 55 - 62 | 62 - 69 | 69 - 76 | 76 - 83 | 83 - 90 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 14 | 10 | 9 | 26 | 19 | 28 | 30 |
- (v)
- | Age (in years) | 41 - 48 | 48 - 55 | 55 - 62 | 62 - 69 | 69 - 76 | 76 - 83 | 83 - 90 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 14 | 10 | 13 | 24 | 19 | 28 | 30 |

5. Heights of 162 students (in cm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
No. of students	41	32	19	27	43

(ii)

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
No. of students	41	16	32	27	43

(iii)

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
No. of students	41	19	32	27	43

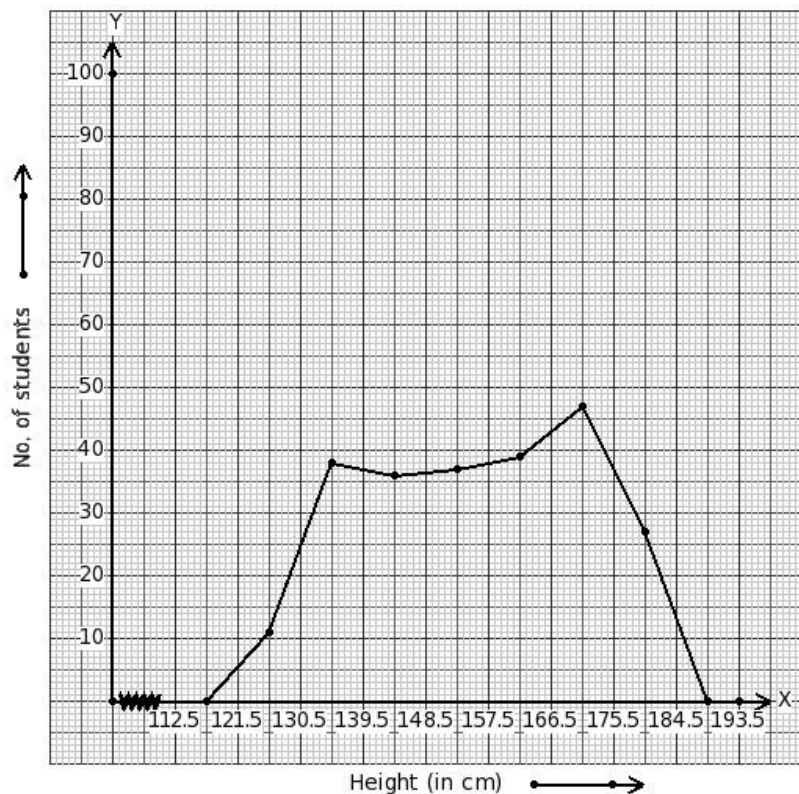
(iv)

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
No. of students	41	19	27	27	43

(v)

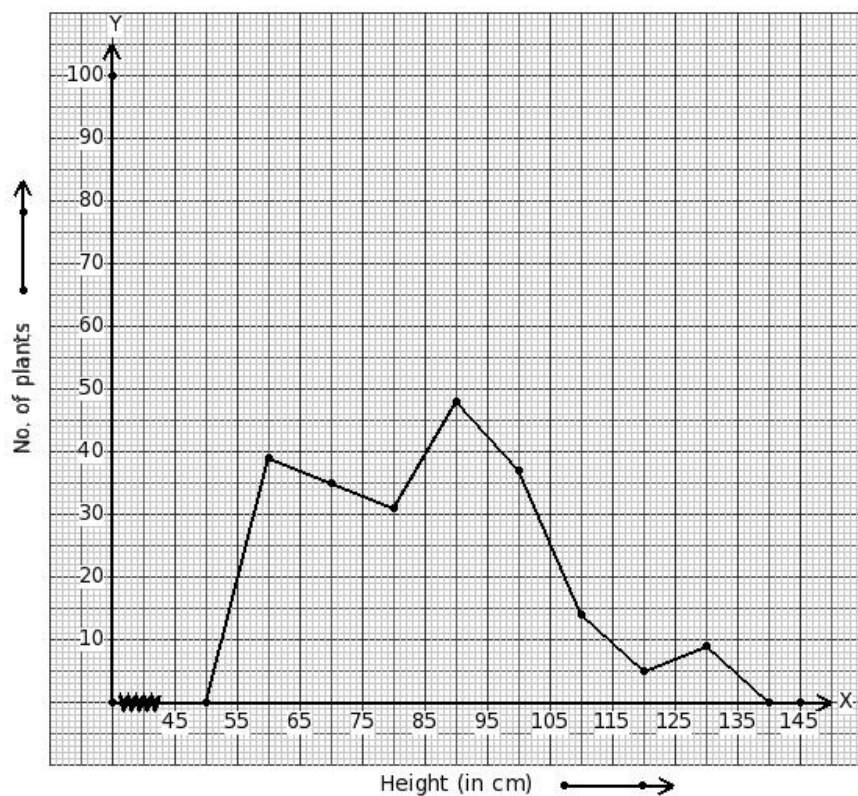
Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
No. of students	41	43	32	27	19

6. Heights of 235 students (in cm) are given below. Identify the class interval table for the given frequency polygon.



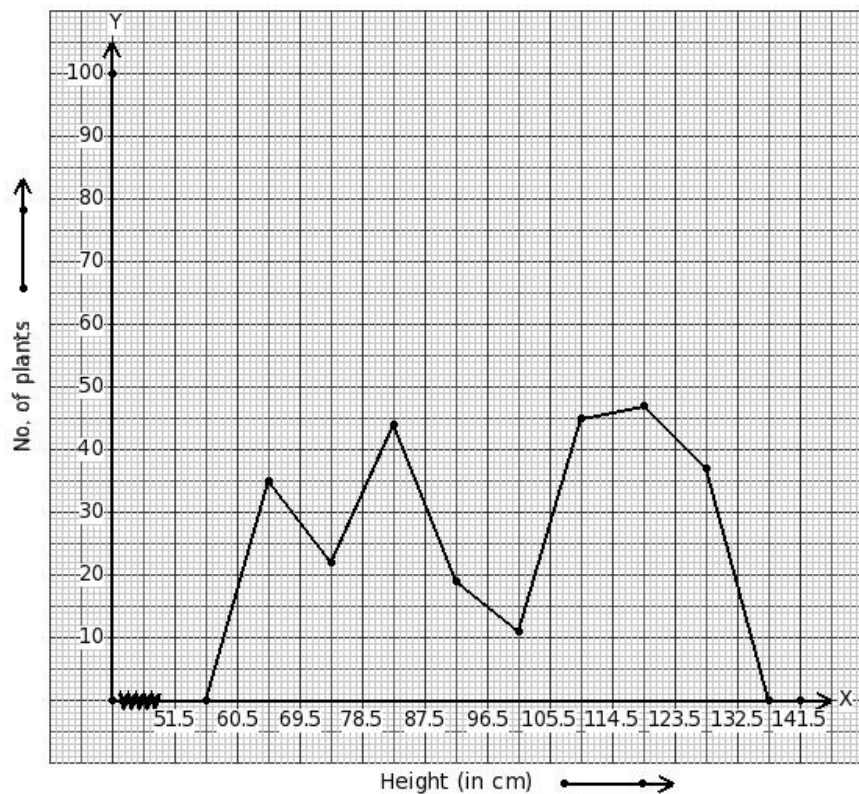
- (i)
- | Height (in cm) | 122 - 130 | 131 - 139 | 140 - 148 | 149 - 157 | 158 - 166 | 167 - 175 | 176 - 184 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 11 | 38 | 32 | 37 | 39 | 47 | 27 |
- (ii)
- | Height (in cm) | 122 - 130 | 131 - 139 | 140 - 148 | 149 - 157 | 158 - 166 | 167 - 175 | 176 - 184 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 11 | 36 | 38 | 37 | 39 | 47 | 27 |
- (iii)
- | Height (in cm) | 122 - 130 | 131 - 139 | 140 - 148 | 149 - 157 | 158 - 166 | 167 - 175 | 176 - 184 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 11 | 38 | 36 | 37 | 39 | 47 | 27 |
- (iv)
- | Height (in cm) | 122 - 130 | 131 - 139 | 140 - 148 | 149 - 157 | 158 - 166 | 167 - 175 | 176 - 184 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 11 | 27 | 36 | 37 | 39 | 47 | 38 |
- (v)
- | Height (in cm) | 122 - 130 | 131 - 139 | 140 - 148 | 149 - 157 | 158 - 166 | 167 - 175 | 176 - 184 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 11 | 38 | 36 | 39 | 39 | 47 | 27 |

7. Heights of 218 plants (in cm) are given below. Identify the class interval table for the given frequency polygon.



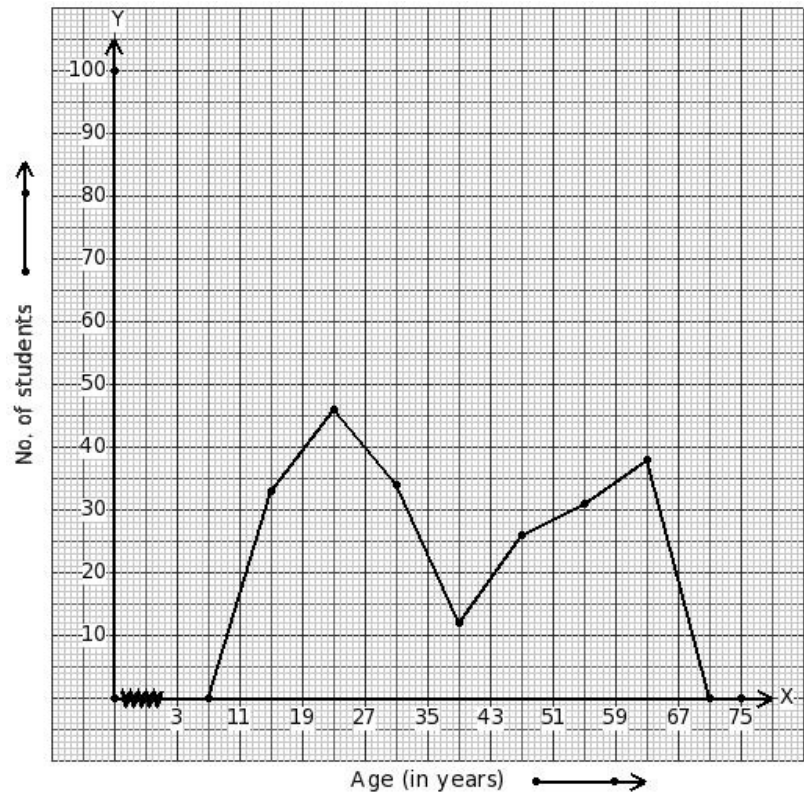
- (i)
- | Height (in cm) | 55 - 65 | 65 - 75 | 75 - 85 | 85 - 95 | 95 - 105 | 105 - 115 | 115 - 125 | 125 - 135 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 39 | 35 | 31 | 48 | 37 | 14 | 5 | 9 |
- (ii)
- | Height (in cm) | 55 - 65 | 65 - 75 | 75 - 85 | 85 - 95 | 95 - 105 | 105 - 115 | 115 - 125 | 125 - 135 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 39 | 35 | 31 | 48 | 33 | 14 | 5 | 9 |
- (iii)
- | Height (in cm) | 55 - 65 | 65 - 75 | 75 - 85 | 85 - 95 | 95 - 105 | 105 - 115 | 115 - 125 | 125 - 135 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 39 | 35 | 27 | 48 | 37 | 14 | 5 | 9 |
- (iv)
- | Height (in cm) | 55 - 65 | 65 - 75 | 75 - 85 | 85 - 95 | 95 - 105 | 105 - 115 | 115 - 125 | 125 - 135 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 39 | 9 | 31 | 48 | 37 | 14 | 5 | 35 |
- (v)
- | Height (in cm) | 55 - 65 | 65 - 75 | 75 - 85 | 85 - 95 | 95 - 105 | 105 - 115 | 115 - 125 | 125 - 135 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 39 | 35 | 48 | 31 | 37 | 14 | 5 | 9 |

8. Heights of 260 plants (in cm) are given below. Identify the class interval table for the given frequency polygon.



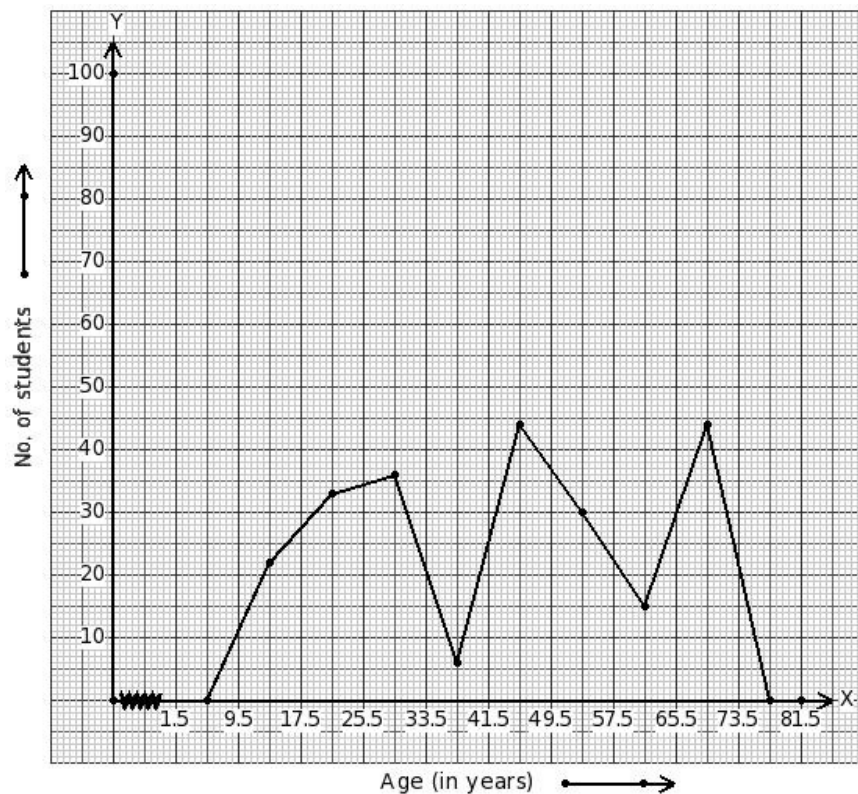
- (i)
- | Height (in cm) | 61 - 69 | 70 - 78 | 79 - 87 | 88 - 96 | 97 - 105 | 106 - 114 | 115 - 123 | 124 - 132 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 35 | 22 | 44 | 19 | 7 | 45 | 47 | 37 |
- (ii)
- | Height (in cm) | 61 - 69 | 70 - 78 | 79 - 87 | 88 - 96 | 97 - 105 | 106 - 114 | 115 - 123 | 124 - 132 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 35 | 22 | 19 | 44 | 11 | 45 | 47 | 37 |
- (iii)
- | Height (in cm) | 61 - 69 | 70 - 78 | 79 - 87 | 88 - 96 | 97 - 105 | 106 - 114 | 115 - 123 | 124 - 132 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 35 | 22 | 44 | 19 | 11 | 45 | 47 | 37 |
- (iv)
- | Height (in cm) | 61 - 69 | 70 - 78 | 79 - 87 | 88 - 96 | 97 - 105 | 106 - 114 | 115 - 123 | 124 - 132 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 35 | 22 | 41 | 19 | 11 | 45 | 47 | 37 |
- (v)
- | Height (in cm) | 61 - 69 | 70 - 78 | 79 - 87 | 88 - 96 | 97 - 105 | 106 - 114 | 115 - 123 | 124 - 132 |
|----------------|---------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of plants | 35 | 37 | 44 | 19 | 11 | 45 | 47 | 22 |

9. Ages of 220 students (in years) are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Age (in years) | 11 - 19 | 19 - 27 | 27 - 35 | 35 - 43 | 43 - 51 | 51 - 59 | 59 - 67 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 33 | 46 | 34 | 16 | 26 | 31 | 38 |
- (ii)
- | Age (in years) | 11 - 19 | 19 - 27 | 27 - 35 | 35 - 43 | 43 - 51 | 51 - 59 | 59 - 67 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 33 | 38 | 34 | 12 | 26 | 31 | 46 |
- (iii)
- | Age (in years) | 11 - 19 | 19 - 27 | 27 - 35 | 35 - 43 | 43 - 51 | 51 - 59 | 59 - 67 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 33 | 34 | 46 | 12 | 26 | 31 | 38 |
- (iv)
- | Age (in years) | 11 - 19 | 19 - 27 | 27 - 35 | 35 - 43 | 43 - 51 | 51 - 59 | 59 - 67 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 33 | 46 | 34 | 12 | 26 | 31 | 38 |
- (v)
- | Age (in years) | 11 - 19 | 19 - 27 | 27 - 35 | 35 - 43 | 43 - 51 | 51 - 59 | 59 - 67 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 33 | 46 | 32 | 12 | 26 | 31 | 38 |

10. Ages of 230 students (in years) are given below. Identify the class interval table for the given frequency polygon.



(i)	Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73
	No. of students	22	44	36	6	44	30	15	33

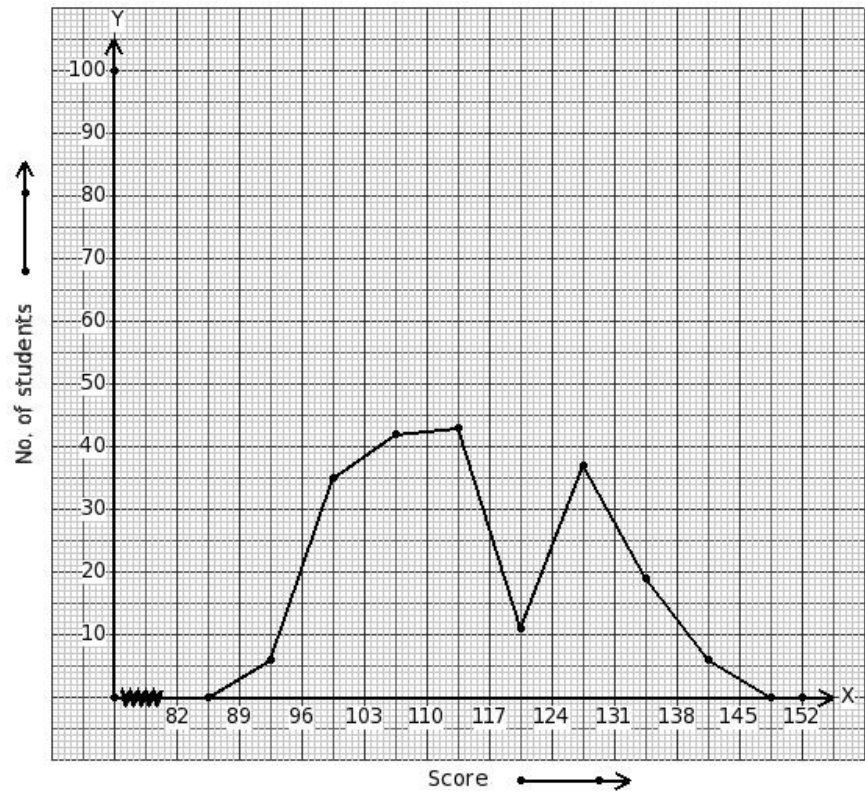
(ii)	Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73
	No. of students	22	33	34	6	44	30	15	44

(iii)	Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73
	No. of students	22	33	36	6	44	30	15	44

(iv)	Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73
	No. of students	22	33	6	36	44	30	15	44

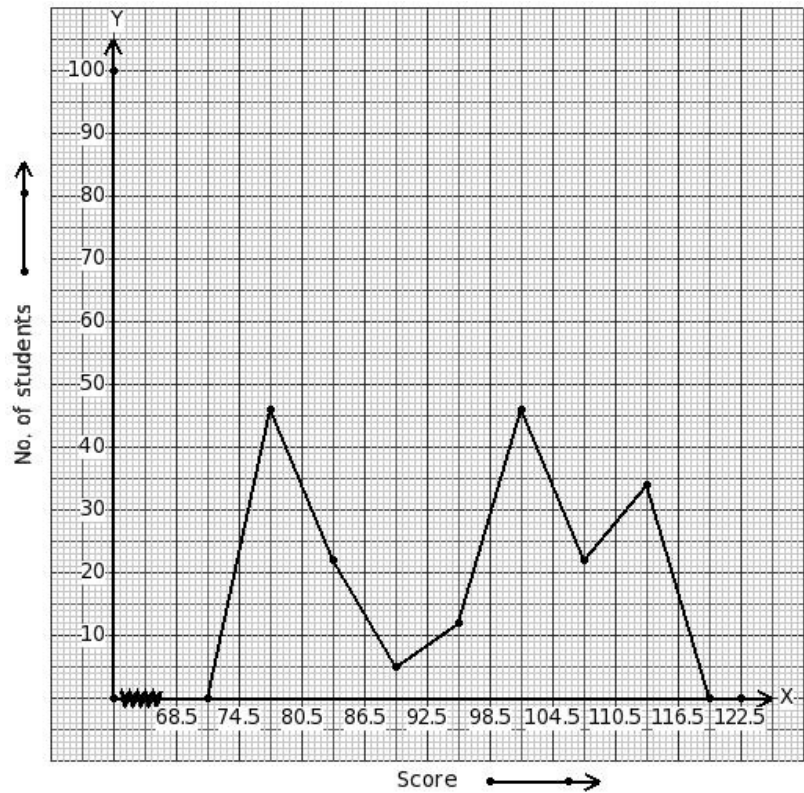
(v)	Age (in years)	10 - 17	18 - 25	26 - 33	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73
	No. of students	22	33	36	6	39	30	15	44

11. Scores of 199 students are given below. Identify the class interval table for the given frequency polygon.



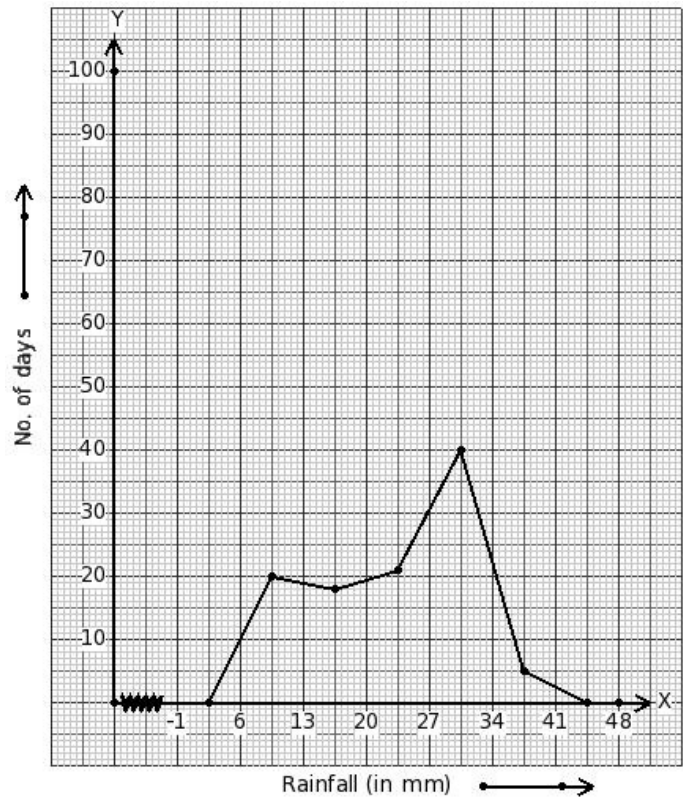
- (i)
- | Score | 89 - 96 | 96 - 103 | 103 - 110 | 110 - 117 | 117 - 124 | 124 - 131 | 131 - 138 | 138 - 145 |
|-----------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 6 | 35 | 42 | 43 | 14 | 37 | 19 | 6 |
- (ii)
- | Score | 89 - 96 | 96 - 103 | 103 - 110 | 110 - 117 | 117 - 124 | 124 - 131 | 131 - 138 | 138 - 145 |
|-----------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 6 | 35 | 37 | 43 | 11 | 37 | 19 | 6 |
- (iii)
- | Score | 89 - 96 | 96 - 103 | 103 - 110 | 110 - 117 | 117 - 124 | 124 - 131 | 131 - 138 | 138 - 145 |
|-----------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 6 | 35 | 42 | 43 | 11 | 37 | 19 | 6 |
- (iv)
- | Score | 89 - 96 | 96 - 103 | 103 - 110 | 110 - 117 | 117 - 124 | 124 - 131 | 131 - 138 | 138 - 145 |
|-----------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 6 | 35 | 43 | 42 | 11 | 37 | 19 | 6 |
- (v)
- | Score | 89 - 96 | 96 - 103 | 103 - 110 | 110 - 117 | 117 - 124 | 124 - 131 | 131 - 138 | 138 - 145 |
|-----------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 6 | 6 | 42 | 43 | 11 | 37 | 19 | 35 |

12. Scores of 187 students are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Score | 75 - 80 | 81 - 86 | 87 - 92 | 93 - 98 | 99 - 104 | 105 - 110 | 111 - 116 |
|-----------------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 46 | 22 | 2 | 12 | 46 | 22 | 34 |
- (ii)
- | Score | 75 - 80 | 81 - 86 | 87 - 92 | 93 - 98 | 99 - 104 | 105 - 110 | 111 - 116 |
|-----------------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 46 | 5 | 22 | 12 | 46 | 22 | 34 |
- (iii)
- | Score | 75 - 80 | 81 - 86 | 87 - 92 | 93 - 98 | 99 - 104 | 105 - 110 | 111 - 116 |
|-----------------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 46 | 22 | 5 | 12 | 46 | 22 | 34 |
- (iv)
- | Score | 75 - 80 | 81 - 86 | 87 - 92 | 93 - 98 | 99 - 104 | 105 - 110 | 111 - 116 |
|-----------------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 46 | 34 | 5 | 12 | 46 | 22 | 22 |
- (v)
- | Score | 75 - 80 | 81 - 86 | 87 - 92 | 93 - 98 | 99 - 104 | 105 - 110 | 111 - 116 |
|-----------------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 46 | 22 | 5 | 10 | 46 | 22 | 34 |

13. Rainfall of 104 days (in mm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Rainfall (in mm)	6 - 13	13 - 20	20 - 27	27 - 34	34 - 41
No. of days	20	15	21	40	5

(ii)

Rainfall (in mm)	6 - 13	13 - 20	20 - 27	27 - 34	34 - 41
No. of days	20	5	21	40	18

(iii)

Rainfall (in mm)	6 - 13	13 - 20	20 - 27	27 - 34	34 - 41
No. of days	20	18	24	40	5

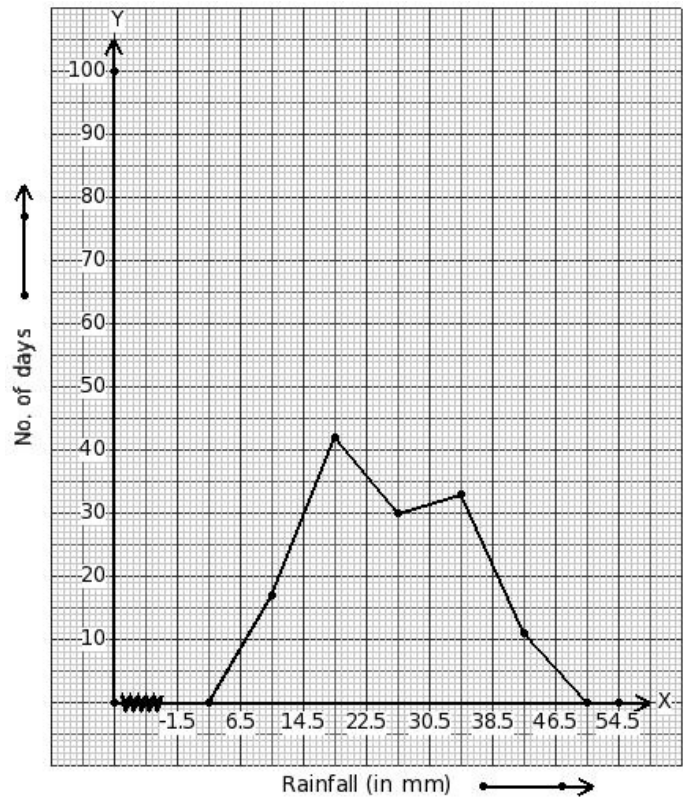
(iv)

Rainfall (in mm)	6 - 13	13 - 20	20 - 27	27 - 34	34 - 41
No. of days	20	18	21	40	5

(v)

Rainfall (in mm)	6 - 13	13 - 20	20 - 27	27 - 34	34 - 41
No. of days	20	21	18	40	5

14. Rainfall of 133 days (in mm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Rainfall (in mm)	7 - 14	15 - 22	23 - 30	31 - 38	39 - 46
No. of days	17	40	30	33	11

(ii)

Rainfall (in mm)	7 - 14	15 - 22	23 - 30	31 - 38	39 - 46
No. of days	17	42	30	33	11

(iii)

Rainfall (in mm)	7 - 14	15 - 22	23 - 30	31 - 38	39 - 46
No. of days	17	42	25	33	11

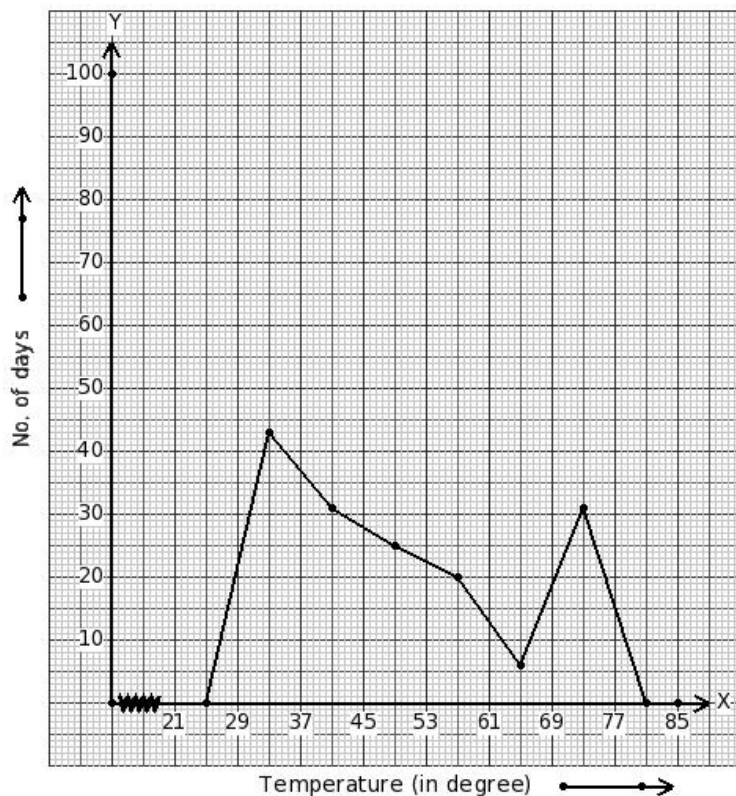
(iv)

Rainfall (in mm)	7 - 14	15 - 22	23 - 30	31 - 38	39 - 46
No. of days	17	11	30	33	42

(v)

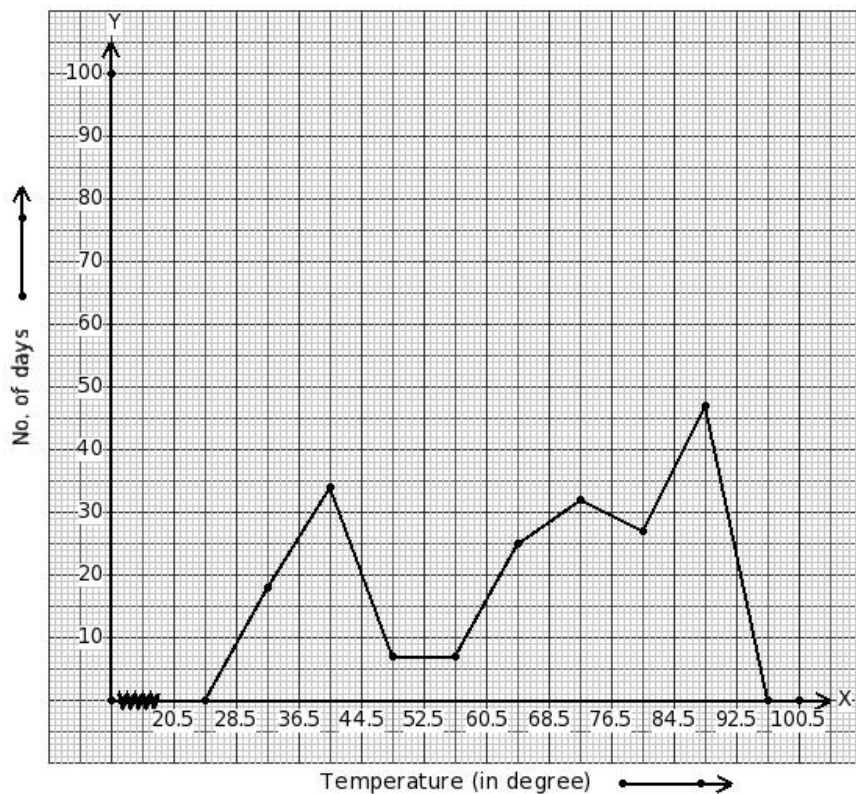
Rainfall (in mm)	7 - 14	15 - 22	23 - 30	31 - 38	39 - 46
No. of days	17	30	42	33	11

15. Temperatures of 156 days (in $^{\circ}\text{C}$) are given below.
Identify the class interval table for the given frequency polygon.



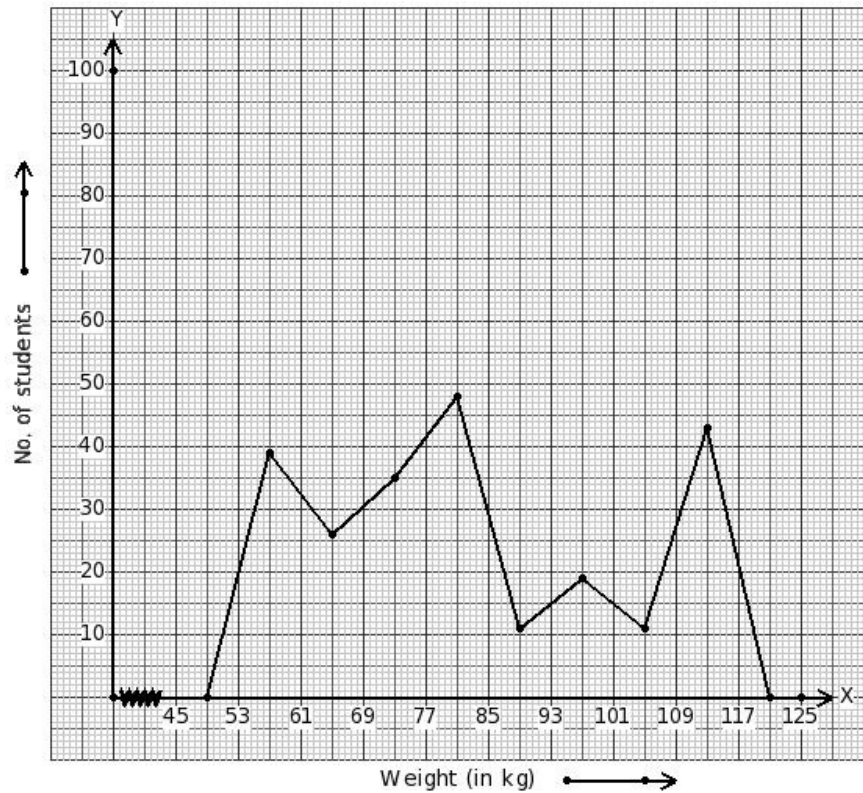
- (i)
- | Temperature (in degree) | 29 - 37 | 37 - 45 | 45 - 53 | 53 - 61 | 61 - 69 | 69 - 77 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 43 | 25 | 31 | 20 | 6 | 31 |
- (ii)
- | Temperature (in degree) | 29 - 37 | 37 - 45 | 45 - 53 | 53 - 61 | 61 - 69 | 69 - 77 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 43 | 31 | 29 | 20 | 6 | 31 |
- (iii)
- | Temperature (in degree) | 29 - 37 | 37 - 45 | 45 - 53 | 53 - 61 | 61 - 69 | 69 - 77 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 43 | 31 | 25 | 20 | 6 | 31 |
- (iv)
- | Temperature (in degree) | 29 - 37 | 37 - 45 | 45 - 53 | 53 - 61 | 61 - 69 | 69 - 77 |
|-------------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 43 | 31 | 25 | 18 | 6 | 31 |

16. Temperatures of 197 days (in $^{\circ}\text{C}$) are given below.
Identify the class interval table for the given frequency polygon.



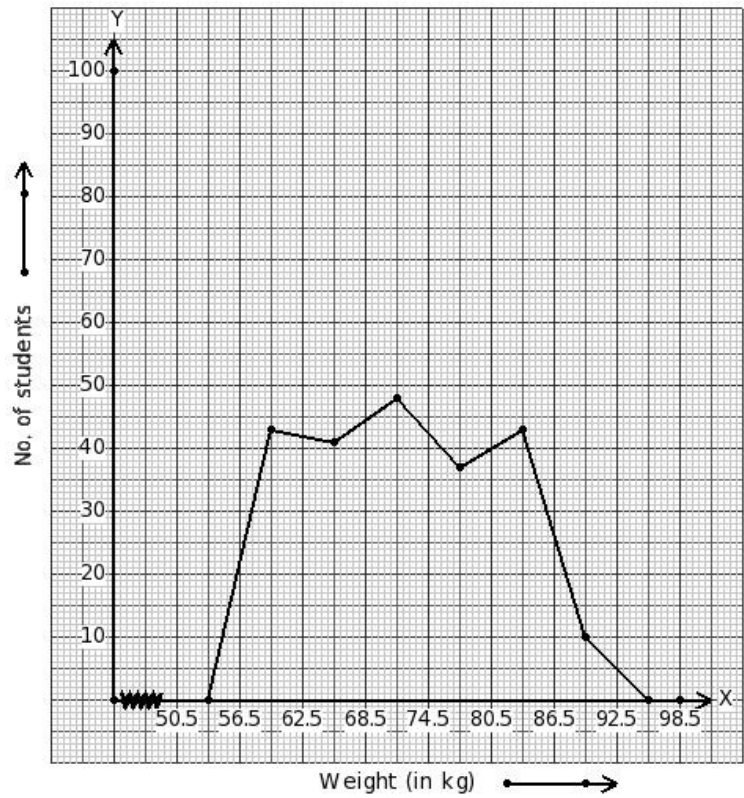
- (i)
- | Temperature (in degree) | 29 - 36 | 37 - 44 | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 | 85 - 92 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 47 | 7 | 7 | 25 | 32 | 27 | 34 |
- (ii)
- | Temperature (in degree) | 29 - 36 | 37 - 44 | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 | 85 - 92 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 34 | 7 | 7 | 22 | 32 | 27 | 47 |
- (iii)
- | Temperature (in degree) | 29 - 36 | 37 - 44 | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 | 85 - 92 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 34 | 7 | 7 | 25 | 32 | 27 | 47 |
- (iv)
- | Temperature (in degree) | 29 - 36 | 37 - 44 | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 | 85 - 92 |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 34 | 3 | 7 | 25 | 32 | 27 | 47 |

17. Weights of 232 students (in kg) are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Weight (in kg) | 53 - 61 | 61 - 69 | 69 - 77 | 77 - 85 | 85 - 93 | 93 - 101 | 101 - 109 | 109 - 117 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 39 | 43 | 35 | 48 | 11 | 19 | 11 | 26 |
- (ii)
- | Weight (in kg) | 53 - 61 | 61 - 69 | 69 - 77 | 77 - 85 | 85 - 93 | 93 - 101 | 101 - 109 | 109 - 117 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 39 | 26 | 48 | 35 | 11 | 19 | 11 | 43 |
- (iii)
- | Weight (in kg) | 53 - 61 | 61 - 69 | 69 - 77 | 77 - 85 | 85 - 93 | 93 - 101 | 101 - 109 | 109 - 117 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 39 | 26 | 30 | 48 | 11 | 19 | 11 | 43 |
- (iv)
- | Weight (in kg) | 53 - 61 | 61 - 69 | 69 - 77 | 77 - 85 | 85 - 93 | 93 - 101 | 101 - 109 | 109 - 117 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 39 | 26 | 35 | 48 | 9 | 19 | 11 | 43 |
- (v)
- | Weight (in kg) | 53 - 61 | 61 - 69 | 69 - 77 | 77 - 85 | 85 - 93 | 93 - 101 | 101 - 109 | 109 - 117 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 39 | 26 | 35 | 48 | 11 | 19 | 11 | 43 |

18. Weights of 222 students (in kg) are given below. Identify the class interval table for the given frequency polygon.



(i)

Weight (in kg)	57 - 62	63 - 68	69 - 74	75 - 80	81 - 86	87 - 92
No. of students	43	41	48	37	43	10

(ii)

Weight (in kg)	57 - 62	63 - 68	69 - 74	75 - 80	81 - 86	87 - 92
No. of students	43	10	48	37	43	41

(iii)

Weight (in kg)	57 - 62	63 - 68	69 - 74	75 - 80	81 - 86	87 - 92
No. of students	43	41	48	35	43	10

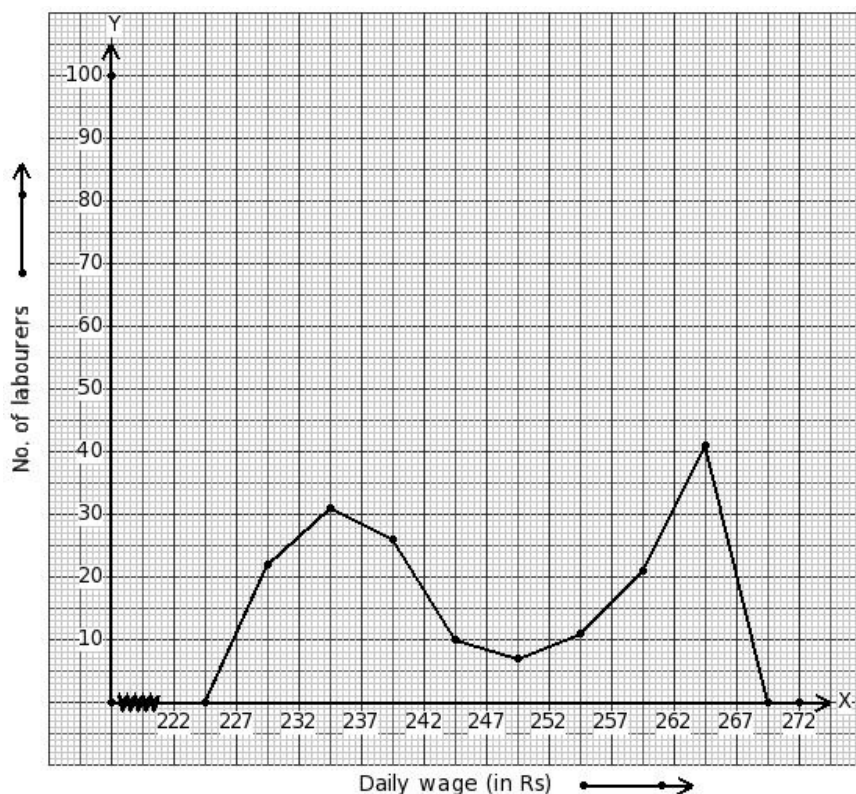
(iv)

Weight (in kg)	57 - 62	63 - 68	69 - 74	75 - 80	81 - 86	87 - 92
No. of students	43	41	50	37	43	10

(v)

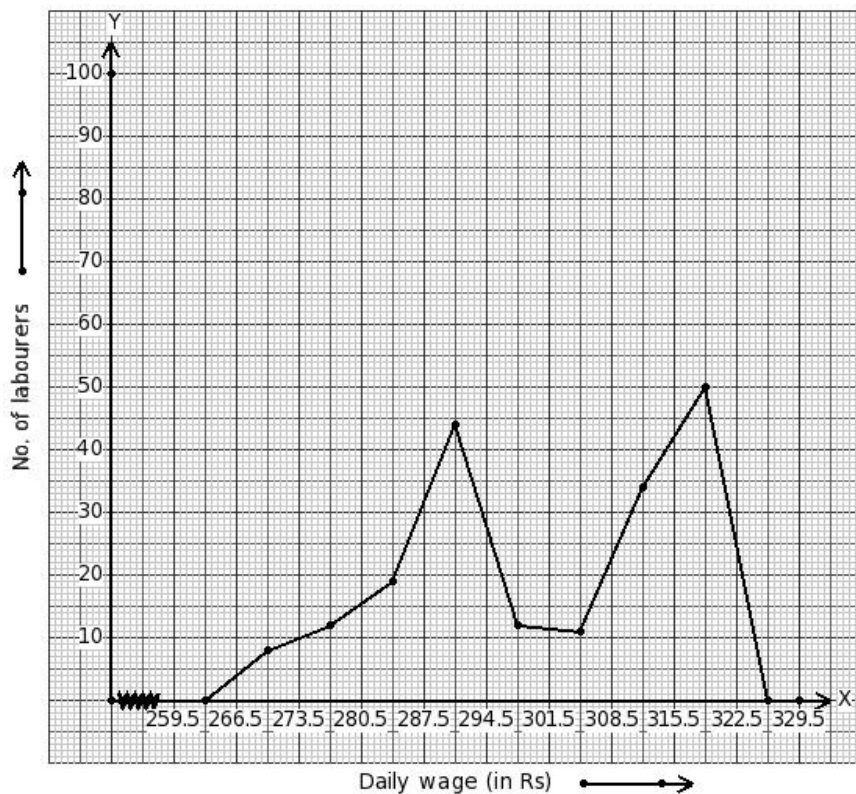
Weight (in kg)	57 - 62	63 - 68	69 - 74	75 - 80	81 - 86	87 - 92
No. of students	43	48	41	37	43	10

19. Daily wages of 169 labourers (in ₹) are given below.
Identify the class interval table for the given frequency polygon.



- (i)
- | Daily wage (in Rs) | 227 - 232 | 232 - 237 | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 22 | 31 | 31 | 10 | 7 | 11 | 21 | 41 |
- (ii)
- | Daily wage (in Rs) | 227 - 232 | 232 - 237 | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 22 | 31 | 26 | 10 | 9 | 11 | 21 | 41 |
- (iii)
- | Daily wage (in Rs) | 227 - 232 | 232 - 237 | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 22 | 31 | 26 | 10 | 7 | 11 | 21 | 41 |
- (iv)
- | Daily wage (in Rs) | 227 - 232 | 232 - 237 | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 22 | 31 | 10 | 26 | 7 | 11 | 21 | 41 |
- (v)
- | Daily wage (in Rs) | 227 - 232 | 232 - 237 | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 22 | 41 | 26 | 10 | 7 | 11 | 21 | 31 |

20. Daily wages of 190 labourers (in ₹) are given below.
Identify the class interval table for the given frequency polygon.



- (i)
- | Daily wage (in Rs) | 267 - 273 | 274 - 280 | 281 - 287 | 288 - 294 | 295 - 301 | 302 - 308 | 309 - 315 | 316 - 322 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 8 | 12 | 17 | 44 | 12 | 11 | 34 | 50 |
- (ii)
- | Daily wage (in Rs) | 267 - 273 | 274 - 280 | 281 - 287 | 288 - 294 | 295 - 301 | 302 - 308 | 309 - 315 | 316 - 322 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 8 | 12 | 44 | 19 | 12 | 11 | 34 | 50 |
- (iii)
- | Daily wage (in Rs) | 267 - 273 | 274 - 280 | 281 - 287 | 288 - 294 | 295 - 301 | 302 - 308 | 309 - 315 | 316 - 322 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 8 | 12 | 19 | 44 | 12 | 11 | 34 | 50 |
- (iv)
- | Daily wage (in Rs) | 267 - 273 | 274 - 280 | 281 - 287 | 288 - 294 | 295 - 301 | 302 - 308 | 309 - 315 | 316 - 322 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 8 | 12 | 19 | 44 | 14 | 11 | 34 | 50 |
- (v)
- | Daily wage (in Rs) | 267 - 273 | 274 - 280 | 281 - 287 | 288 - 294 | 295 - 301 | 302 - 308 | 309 - 315 | 316 - 322 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 8 | 50 | 19 | 44 | 12 | 11 | 34 | 12 |

Assignment Key

1) (iv)	2) (iii)	3) (iii)	4) (ii)	5) (iii)	6) (iii)
7) (i)	8) (iii)	9) (iv)	10) (iii)	11) (iii)	12) (iii)
13) (iv)	14) (ii)	15) (iii)	16) (iii)	17) (v)	18) (i)
19) (iii)	20) (iii)				