

Continue

Q3 निकालने की विधि

$$Q_3 = 1 + i \left(\frac{\frac{3N}{4} - \text{Cum } f_i}{f_{i+1}} \right)$$

Score	frequency	Cum. frequency
80-84	1	50
75-79	4	49
70-74	9	45
65-69	1-736	36
60-64	1	35
55-59	10	34
50-54	3	24
45-49	4	21
40-44	6	17
35-39	5	11
30-34	2	6
25-29	3	4
20-24	1	1

N = 50

$$= 69.5 + 5 \left(\frac{37.5 - 36}{9} \right)$$

$$= 69.5 + 5 \frac{1.5}{9}$$

$$= 69.5 + 5(0.166)$$

$$= 69.5 + 0.83 = 70.33$$

$$Q_3 = 70.33$$

$$Q = \frac{Q_3 - Q_1}{2}$$

$$= \frac{70.33 - 40.75}{2} = \frac{29.58}{2} = 14.79$$

$$Q = 14.79 \text{ And}$$