



Exercise 9E

Question 2:

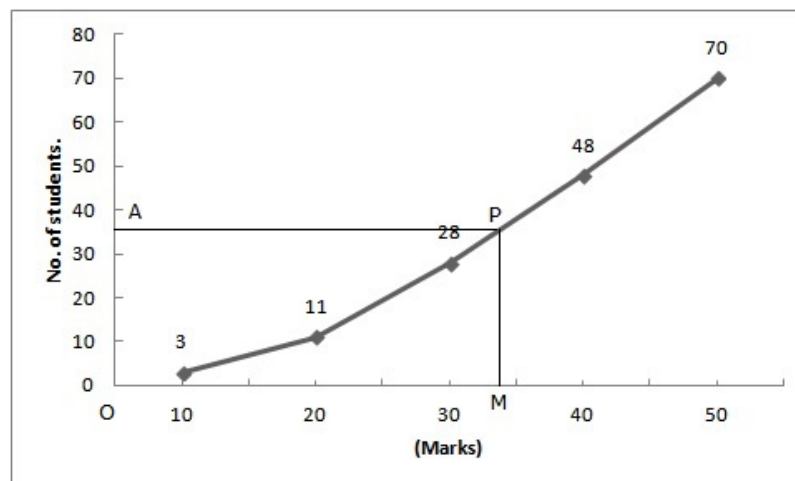
Cumulative frequency table is as follows:

Marks	C.F
Marks less than 10	3
Marks less than 20	11
Marks less than 30	28
Marks less than 40	48
Marks less than 50	70

Scale :

Horizontal: 1 small div = 10 marks

Vertical : 1 small div = 10 students



The points (10, 3), (20, 11), (30, 28), (40, 48), (50, 70) are plotted and joined as shown above. This is required cumulative curve.

$N = 70$, $N/2 = 35$

On vertical line OY, take OA = 35

Through A, a horizontal line AP is drawn meeting the graph at P

Through P, a vertical line PM is drawn.

Now, OM = 34, therefore Median = 34

***** END *****