

<u>Class</u>	<u>frequency (f_i)</u>	<u>class mark (x_i)</u>	<u>$\sum f_i x_i$</u>	<u>cf</u>
0 - 10	12	5	60	12
10 - 20	18	15	270	30
20 - 30	20	25	500	50
30 - 40	25	35	875	75
40 - 50	23	45	1035	98
	$\sum f_i = 98$		$\sum f_i x_i = 2740$	

$$\text{Mean} = \frac{2740}{98} \approx \underline{\underline{28}}$$

median for class 20 - 30 : $l + \left(\frac{\frac{N}{2} - cf}{f} \right) \times h = 20 + \left(\frac{49 - 30}{20} \right) \times 10 = 20 + 9.5 = \underline{\underline{29.5}}$

$\left\{ \begin{array}{l} l = 20 \\ \frac{N}{2} = \frac{98}{2} = 49 \end{array} \right.$