

1.

class	frequency f_i	class Marks x_i	$f_i x_i$
1 - 3	9	2	18
3 - 5	22	4	88
5 - 7	27	6	162
7 - 10	17	8.5	144.5
	75		412.5

$$\begin{aligned} \text{Mean } (\bar{x}) &= \frac{\sum f_i x_i}{\sum f_i} = \frac{412.5}{75} \\ &= 5.5 \end{aligned}$$

2.

Marks	no. of students f_i	class Marks x_i	$f_i x_i$
10 - 20	2	15	30
20 - 30	4	25	100
30 - 40	7	35	245
40 - 50	6	45	270
50 - 60	1	55	55
	20		700

$$\begin{aligned} \text{Mean } (\bar{x}) &= \frac{\sum f_i x_i}{\sum f_i} = \frac{\cancel{700}^{35}}{\cancel{20}} \\ &= 35 \end{aligned}$$