

$$R = 26 \quad k = 6 \quad A = 5$$

class	X_i	F_i	P_r	$F_{\#}$	$X_i \cdot f_i$
36 - 41	38.5	5	0.1	5	192.5
41 - 46	43.5	5	0.1	10	217.5
51 - 56	48.5	8	0.16	18	388
46 - 51	53.5	9	0.18	27	481.5
56 - 61	58.5	13	0.26	40	760.5
61 - 66	63.5	10	0.2	50	630

$$\bar{x} = 53.4$$

$$M_c = 54.84$$

$$r_{10} = 56.16$$

$$x = \frac{L_i + L_s}{2}$$

$$F_r = \frac{F}{N}$$

$$\bar{x} = \frac{\sum x_i f_i}{N} \quad \bar{x} = \frac{2,670}{50} = 53.4$$

$$M_c = \frac{L_i + \frac{N}{2} - F_{i-1}}{f_i} \quad \text{or} \quad 46 + \frac{50}{2} - 10.5$$

$$= 46 + \frac{15}{8} \cdot \frac{5}{1}$$

$$46 + 17.5 = 53.5$$