

USE	x_i	f_i	f_i	f_i	x_i
36-40	38.5	5	0.1	5	192.5
41-46	43.5	5	0.1	10	217.5
46-51	48.5	8	0.16	18	388
51-56	53.5	9	0.18	27	481.5
56-61	58.5	10	0.20	40	585.5
61-66	63.5	13	0.26	50	630
		<u>50</u>	<u>1</u>		<u>2670</u>

$\bar{x} = 53.4$ $ME = 54.84$ $MO = 56.26$

$\bar{x} = \frac{L1 + L5}{2}$ $\bar{x} = \frac{\sum x_i f_i}{N}$ $\bar{x} = \frac{2670}{50} = 53.4$

$Fr = \frac{F}{N}$ $Me = \frac{L1 + 2 \cdot \frac{N}{2} - F1 - 1}{\frac{N}{2} - F1} = \frac{16 + \frac{50}{2} - 10 - 1}{\frac{50}{2} - 10} = 46 + \frac{18}{8} = 51.25$

$R = x_{max} - x_{min}$
 $R = 66 - 36$
 $R = 30$

$K = 1 + 3.22 \log(50)$
 $K = 6$

$A = \frac{R}{K} = \frac{30}{6}$

A = 5