Actividad 1

14/07/21

$K = 1 + 3.322 \log(n)$

$K = 1 + 3.322 \log(45)$

$K = 1 + 3.322 \log(1.65321)$

$K = 1 + 3.322 \times 1.65321$

$K = 5.49 + 1$

$K = 6.49$

$R = Dma - Dme + 1$

$R = 90 - 34 + 1$

$R = 56 + 1$

$R = 57$

$i = \frac{R}{K}$

Entero

$i = \frac{57}{6.49} = 8.78 \therefore 9$

K	L A	Lri	Lrs	Xs	f	Fa	fxs
1	34 - 42	33.5	42.5	38	2	2	76
2	43 - 51	42.5	51.5	47	3	5	141
3	52 - 60	51.5	60.5	56	8	13	448
4	61 - 69	60.5	69.5	65	13	26	845
5	70 - 78	69.5	78.5	74	10	36	740
6	79 - 87	78.5	87.5	83	3	39	249
7	88 - 96	87.5	96.5	92	6	45	552
							3,051

$\bar{X} = \frac{3051}{45} = 67.8$

$Md = Lri + \left(\frac{\frac{N}{2} - Fac}{f}\right) i$

$\frac{45}{2} = 22.5$

$Md = 60.5 + \left(\frac{22.5 - 13}{13}\right) 9$

$Md = 60.5 + (0.73)\ 9$

$Md = 60.5 + 6.57$

$Md = 67.07$

$Mo = Lri + \left(\frac{\Delta 1}{\Delta 1 + \Delta 2}\right) i$

$\Delta 1 = 13 - 8 = 5$
$\Delta 2 = 13 - 10 = 3$

$Mo = 60.5 + \left(\frac{5}{5+3}\right) 9$

$Mo = 60.5 + (0.63)\ 9$

$Mo = 60.5 + 5.67$

$Mo = 66.17$