

Semana no 1.

ESTUDIOS
DIDACTICOS

BIMESTRE 3

Puntos obtenidos por 45 Alumnos en un examen de matemáticas financieras.

34	55	58	64	66	69	76	78	85	89
36	56	60	65	67	70	76	78	87	89
45	56	60	65	67	74	77	78	88	90
45	56	62	66	67	74	77	85	88	90
48	57	63	66	68					

$$K = 1 + 3.22 \text{ Long } (n)$$

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

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

$$i = 57$$

$$K = 1 + 3.322 (1.6532)$$

$$6.49$$

$$K = 1 + 5.49 \quad R = 6.49$$

$$i = 8.78$$

$$i = 9$$

$$R = D_{\max} - D_{\min} + 1$$

$$R = 90 - 34 + 1$$

$$R = 56 + 1$$

$$R = 57$$

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

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

$$i = \frac{57}{6.49}$$

$$K = 1 + 3.322 (1.6532)$$

$$K = 1 + 5.49 \quad R = 6.49$$

$$i = 8.78$$

$$i = 9$$

$$R = D_{ma} - D_{me} + 1$$

$$R = 90 - 34 + 1$$

$$R = 56 + 1$$

$$R = 57$$

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99.7.4

L - A f fa

1 34 - 42 2 2

2 43 - 51 3 5

3 52 - 60 8 13

4 61 - 69 13 26

5 70 - 78 10 36

6 79 - 87 3 39

7 88 - 97 6 45

L - A	Lrt	Lrs	xs	f	fa	fxs
34 - 42	42.5	42.5	38	2	2	76
43 - 51	51.5	51.5	47	3	5	141
52 - 60	60.5	60.5	56	8	13	448
61 - 69	69.5	69.5	65	13	26	845
70 - 78	78.5	78.5	74	10	36	740
79 - 87	87.5	87.5	83	5	39	419
88 - 97	97.5	97.5	97	6	45	559

$$\bar{x} = \frac{3051}{45} = 67.80$$

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

$$Md = 67.78$$

$$Mo = 66.17$$