

# Fearea #7

Puntajes obtenidos por 36 alumnos en un examen de cálculo mercantil de Quinto Perito Contador.

| L        | A    | Lri   | LrS | XS | f    | fa     | fXS |
|----------|------|-------|-----|----|------|--------|-----|
| 52 - 58  | 51.5 | 58.5  | 55  | 9  | 9    | 495    |     |
| 59 - 65  | 58.5 | 65.5  | 62  | 4  | 13   | 248    |     |
| 66 - 72  | 65.5 | 72.5  | 69  | 6  | 19   | 414    |     |
| 73 - 79  | 72.5 | 79.5  | 76  | 9  | 28   | 684    |     |
| 80 - 86  | 79.5 | 86.5  | 83  | 5  | 33   | 415    |     |
| 87 - 93  | 86.5 | 93.5  | 90  | 2  | 35   | 180    |     |
| 94 - 100 | 93.5 | 100.5 | 97  | 1  | 36   | 97     |     |
|          |      |       |     |    | = 36 | = 2533 |     |

mediana:

$$md = \frac{36}{2} = 18 \quad md = 65.5 + \frac{(18 - 13)}{6} \cdot 7$$

$$md = 65.5 + \left(\frac{5}{6}\right) \cdot 7 \quad md = 65.5 + (0.83) \cdot 7$$

$$md = 65.5 + 5.81 \quad md = 71.31$$



media:

$$\bar{X} = \frac{2538}{36} = 70.36$$

R11 El punto promedio de los 36 alumnos de quinto, perito Contador en el curso de Cálculo mercantil es de 70.36.

moda:

$$\Delta_1 = 9 - 6 = 3$$

$$\Delta_2 = 9 - 5 = 4$$

$$mo = 72.5 + \left(\frac{3}{3+4}\right)7 \quad mo = 72.5 + \left(\frac{3}{7}\right)7$$

$$mo = 72.5 + (0.43)7 \quad mo = 72.5 + 3.01$$

$$mo = 75.51$$