

Quantos eleitores tem 25 alunos em
um exame de Estatística descritiva de quinze
Básicos

Intervalo	Lx ^o	f	fa
49 - 55	48.5	2	2
56 - 64	55.5	3	5
70 - 76	69.5	9	14
77 - 83	76.5	9	23
84 - 90	83.5	2	25

$$B = Lx^o + \left(\frac{N \times 100 - fa}{f} \right) f$$

$$P_{15} = Lx^o + \left(\frac{\frac{N \times 15}{100} - fa}{f} \right) f$$

$$\frac{25 \times 15}{100} = 3.75$$

$$P_{15} = 55.5 + \left(\frac{3.75 - 2}{3} \right) 7 \quad P_{15} = 55.5 + \left(\frac{1.75}{3} \right) 7$$

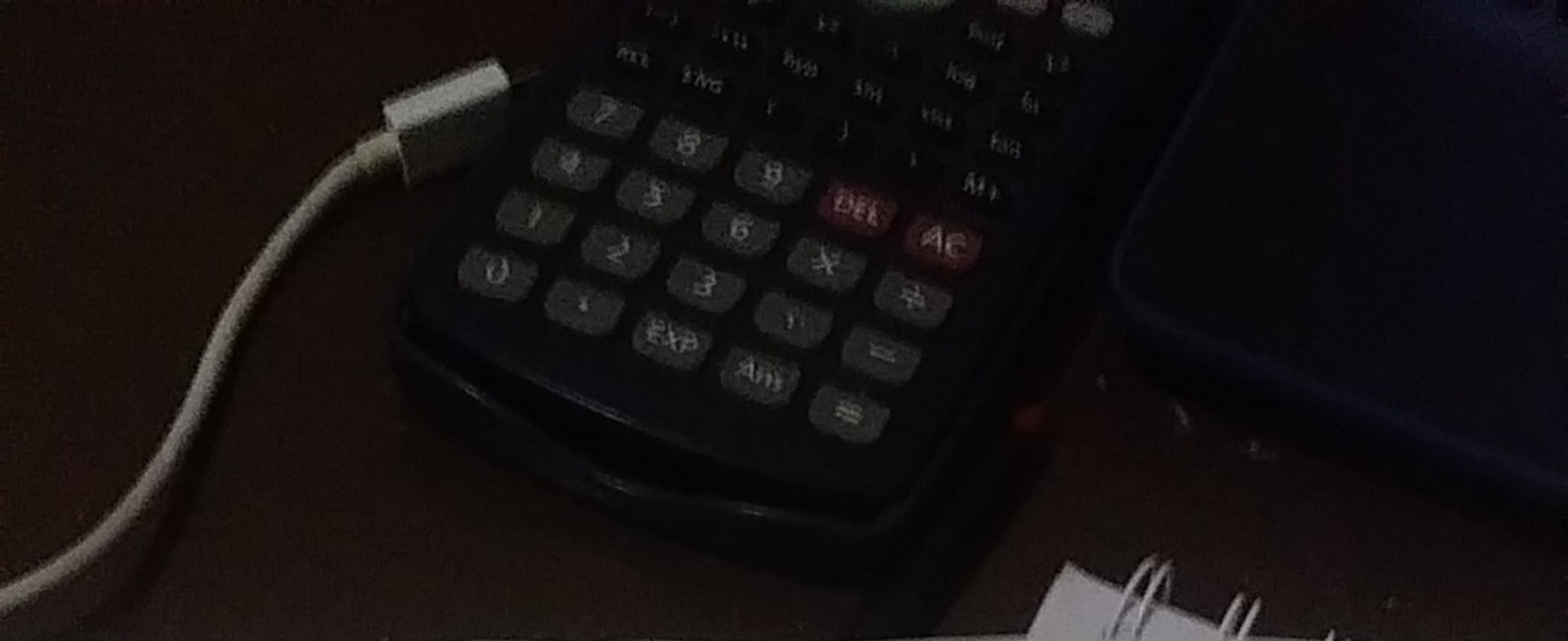
$$P_{15} = 55.5 + (0.58) 7 \quad P_{15} = 55.5 + 4.06 \quad P_{15} = 59.56$$

$$P_{70} = Lx^o + \left(\frac{\frac{N \times 70}{100} - fa}{f} \right) f$$

$$\frac{25 \times 70}{100} = 17.5$$

$$P_{70} = 76.5 + \left(\frac{17.5 - 14}{9} \right) 7 \quad P_{70} = 76.5 + \left(\frac{3.5}{9} \right) 7$$

$$P_{70} = 76.5 + (0.39) 7 \quad P_{70} = 76.5 + 2.73 \quad P_{70} = 79.23$$



$$P_{95} = \text{LVI} + \left(\frac{NAV}{100} - \text{LVI} \right) \cdot \frac{25 \times 95}{100} = 23.75$$

$$P_{95} = 83.5 + \left(\frac{23.75 - 23}{2} \right) \cdot 7 \quad P_{95} = 83.5 + \left(\frac{0.75}{2} \right) \cdot 7$$

$$P_{95} = 83.5 + (0.38) \cdot 7 \quad P_{95} = 83.5 + 2.66 \quad P_{95} = 86.16$$