

TAREA 1 Paralela

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RUT: 18.358705-6

RANGO DE NOTAS	frecuencia	f. acumulada	h.	h. acumulada
1,0 ^{1,45} - 1,9	340.051.262	340.051.262	0,1583	0,1583
2,0 ^{2,45} - 2,9	357.897.093	697.948.355	0,1666	0,3249
3,0 ^{3,45} - 3,9	357.898.069	1.055.846.424	0,1666	0,4915
4,0 ^{4,45} - 4,9	357.928.068	1.413.774.492	0,1666	0,6581 → 50.1%
5,0 ^{5,45} - 5,9	357.932.139	1.771.706.631	0,1666	0,8247
6,0 ^{6,5} - 7,0	375.821.690	2.147.528.321	0,17500	0,9997 → 100%

Procedio
 \downarrow
 marca de clase $m = 2147528321$

$$\bar{X} = \frac{1,45 * 340.051.262 + 2,45 * 357.897.093 + 3,45 * 357.898.069 + \dots}{2.147.528.321}$$

Mediana

$$Mc = 4,0 + 0,9 * \left(\frac{\frac{2.147.528.321}{2} - 1.055.846.424}{1.413.774.492} \right)$$

Moda

$$Mo = 6,0 + 1,0 * \left(\frac{375.821.690 - 357.932.139}{(375.821.690 - 357.932.139) + (375.821.690 + 10)} \right)$$