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Materia: Estadística 1

Grado: Primer Cuatrimestre

EN PACIENTES, LA ACTIVIDAD CREATININQUINASA SÉRICA SE ELEVA SOBRE EL VALOR NORMAL. 30 UNIDADES POR LITRO. LOS SIGUIENTES DATOS SON NIVELES SÉRICOS DE CREATININQUINASA MEDIDO EN 48 JOVENES

3720 5555 1570 3795 3575 2360 3340
 1995 1500 5600 3505 1840 3800 2055
 3725 3580 1575 3790 5500 1835 3345
 2000 1505 3805 1570 3720 5595 2360
 3795 3575 1500 3340 1995 1840 5600
 5605 3725 3800 2055 3790 3580 1575
 3345 5500 1835 3805 2000 1505

OBTENER: D. MAY - MEN, RANGO, INTERVALO, AMPLI, CLASES, \bar{x} , FRECUE. ABSO. ACU.; FRE. R. FRE. %, σ , MEDIA, MEDIANA, MODA, GRAFICAS DE BARRA

~~DATOS: MAY - MEN
 5600 1500
 RANGO
 $5600 - 1500 = 4100$
 INTERVALO
 $\sqrt{48} = 7$~~

~~AMPLITUD
 $\frac{4100}{7} = 585.71$~~

585.71

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CLASSES :	X_i	F_a	F_A	F_r	F_{11}
[1500 - 2085.71]	1792.85	18	18	0.37	37
[2085.72 - 2671.43]	2378.57	2	20	0.04	4
[2671.44 - 3257.15]	2964.29	0	20	0	0
[3257.16 - 3842.87]	3550.01	20	40	0.41	41
[3842.88 - 4428.59]	4135.73	0	40	0	0
[4428.60 - 5014.31]	5016.31	0	40	0	0
[5014.32 - 5600.03]	5307.17	8	48	0.16	16

~~133.2~~
~~1440~~
~~0~~
~~14760~~
~~0~~
~~0~~
~~57.06~~

MEDIA

~~32271.3~~
~~4757.14~~
~~0~~
~~71000~~
~~0~~
~~0~~
~~42457.36~~
150,485.8

150,485.8

48

~~3135.12~~

MEDIANA

$$ME = 3257.16 + \left(\frac{24-20}{20} \right) * 585.71$$

$$ME = 3257.16 + \frac{16}{20}$$

$$ME = 3257.16 + 0.8$$

$$ME = 3257.16 + 468.56$$

$$ME = 3725.72$$

MODA

$$MO = 3,257.16 + \left(\frac{20-0}{(20-0) + (20-0)} \right)$$

$$3,257.16 + \left(\frac{20}{40} \right) 585.71$$

$$3,257.16 + (0.5)$$

$$3,257.16 + 292.88$$

$$3549.74$$

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5014.32 - 5,600.03

4428.60 - 5014.31

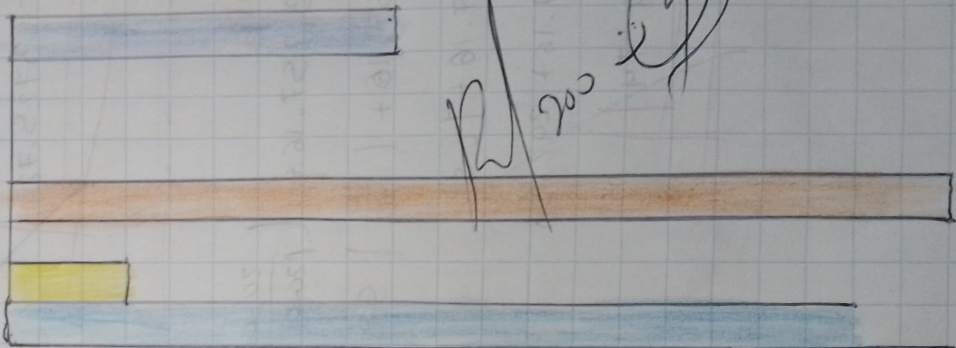
3847.88 - 4428.59

3257.16 - 3847.87

2,671.44 - 3257.15

2085.72 - 2671.43

1500 - 2080.71



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20