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**Nombre del trabajo: tabla de
frecuencia**

Materia: estadística

Grado: 1

Grupo: A



Nellmi Disaili Hernández García
Tabla de frecuencias

115	83	68	56	49	72	119	76
100	92	68	45	67	85	50	89
90	100	98	69	77	88	66	90
86	98	88	65	88	94	63	93
80	49	80	92	92	97	78	94
75	52	84	78	106	117	81	50
90	52	91	67	49	68	92	45
91	74	100	45	56	71	100	50

$$\text{Rango} = \frac{(100 - 45) + 1}{2}$$

$$\text{Rango} = \frac{56}{2} = 8$$

Registro	F_i	$F_i\%$	F_{ia}	$F_{iva}\%$	\bar{x}_i	$f_i \bar{x}_i$	\bar{x}_i^2	$F_i \bar{x}_i^2$
45-52	14	21.87%	14	21.87%	48.5	679	2352.25	72951.5
53-60	5	7.8%	19	29.68%	56.5	282.5	3192.25	15961.25
61-68	8	12.5%	27	42.18%	64.5	516	4160.25	33280
69-76	5	7.8%	32	50%	72.5	362.5	5256.25	26281.25
77-84	7	10.93%	39	60.93%	80.5	563.5	6480.25	45361.75
85-92	14	21.87%	53	82.81%	88.5	1239	7832.25	109651.5
93-100	11	17.18%	64	100%	96.5	1061.5	9312.25	102754.7
	$\Sigma = 64$					$\Sigma = 4529$		

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79	75	71	79	71	44
38	56	79	42	68	48
70	40	75	41	83	54
78	42	66	15	61	58
55	56	73	56	41	64
38	07	79	49	44	38

$$\text{Rango} = \frac{(79 - 38) + 1}{6}$$

$$\text{Rango} = \frac{42}{6} = 7$$

Intervalo	F_i	$F_i\%$	F_{ia}	$F_{ia}\%$	\bar{x}_i	$F\bar{x}_i$	\bar{x}_i^2	$F\bar{x}_i^2$
38 - 44	10	27.77%	10	27.77%	41	410	1681	16810
45 - 51	3	8.33%	13	36.11%	48	144	2304	6912
52 - 58	7	19.44%	20	55.55%	55	385	3025	21175
59 - 65	2	5.55%	22	61.11%	62	124	3844	7688
66 - 72	6	16.66%	28	77.77%	69	414	4761	28566
73 - 79	8	22.22%	36	100%	76	608	5776	46208
	$\Sigma = 36$					<u>608</u>		
						2086		