



Nombre de la alumna:

Manne Fernández Solís

Nombre de la materia:

probabilidad y estadística

Actividad: Plataforma

Grupo:

Recursos Humanos

Monne Fernandez solis

x_i	F_i	P_i	f_r	%	$x_i - \bar{x}$	Σx^2
5	3	3	0.05	0.5%	15	75
6	4	7	0.13	13%	24	144
8	4	11	0.20	20%	82	256
12	6	17	0.32	32%	72	864
13	2	19	0.35	35%	26	338
15	4	23	0.43	43%	60	900
16	3	26	0.49	49%	48	768
20	7	33	0.62	62%	140	2800
25	8	41	0.77	77%	200	5000
32	2	43	0.81	81%	64	2048
35	3	46	0.86	86%	105	3675
40	2	48	0.90	90%	80	3200
45	3	51	0.96	96%	135	6075
75	2	53	1	1%	156	11250
					1201	37393

$$\bar{x} = 1201 / 53 = 22.66$$

$$MC = 20 //$$

$$MO = 25 //$$

$$30\% = P_{30} = \frac{(30)(53)}{100} = \frac{1590}{100} = 15.9 = 15 = 8 //$$

$$55\% = P_{55} = \frac{55(53)}{100} = \frac{2915}{100} = 29.15 = 29 = 20 //$$

$$75\% = P_{75} = \frac{75(53)}{100} = \frac{3975}{100} = 39.75 = 39 = 20 //$$

$$s^2 = \frac{\Sigma x_i^2 - \frac{(\Sigma x_i)^2}{n}}{n-1} \quad s^2 = \frac{37393 - \frac{1492401}{53}}{52}$$

$$s^2 = \frac{10177.887}{52}$$

$$s^2 = \frac{37393 - (1492401)}{52}$$

$$s^2 = 195.72$$

varianza