

UDS

Mi universidad

Nombre del alumno: Dayani Morales Hernández

Unidad: III

x_i	f_i	F_i	F_r	f_i	$x_i - \bar{x}$	$(x_i - \bar{x})^2$
5	3	3	0.09	0.5%	15	15
6	4	7	0.13	1.3%	24	144
8	4	11	0.20	3.0%	38	130
12	6	17	0.32	3.2%	72	804
13	2	19	0.35	1.0%	26	338
15	4	23	0.49	4.5%	60	400
16	3	26	0.49	4.7%	48	768
20	7	33	0.62	6.2%	140	2800
25	8	41	0.77	7.4%	200	5000
32	2	43	0.81	8.1%	64	2048
35	3	46	0.88	8.0%	109	3679
40	3	49	0.90	9.0%	80	3200
45	3	52	0.96	9.6%	139	6075
50	2	54	1.00	1.0%	150	11250
					1201	57393

$\bar{x} = 1201/53 = 22.66$
 $me = 20$
 $mo = 25$
 $Da_{0.20} = 5 - 7.5 = 30$

$30\% = 8.30 = \frac{(30 \times 53)}{100} = \frac{1590}{100} = 15.90 = 15.90 = 16$

$55\% = 8.50 = \frac{55(53)}{100} = \frac{2915}{100} = 29.15 = 29 = 29$

$75\% = 8.75 = \frac{75(53)}{100} = \frac{3975}{100} = 39.75 = 39 = 39$

$s^2 = \frac{2 \times \sum x^2 - (\sum x_i)^2}{n}$
 $s^2 = \frac{37393 - 272513}{52}$
 $s^2 = 10177.867$
 $s = 101.77$

$s^2 = \frac{37393 - (1442401)}{52}$
 $s^2 = 10177.867$
 $s = 101.77$

$s^2 = 10177.867$
 $s = 101.77$

love yourself