

ACTIVIDAD # 6:

Platicando									
Rendimiento Obtenido en Examen									
X_i	f_i	$f_i X_i$	$f_i (X_i - \bar{X})$	$f_i (X_i - \bar{X})^2$	$f_i (X_i - \bar{X})^3$	$f_i (X_i - \bar{X})^4$	$f_i (X_i - \bar{X})^5$	$f_i (X_i - \bar{X})^6$	$f_i (X_i - \bar{X})^7$
60	3	180	-21.67	470.89	-10218.91	32502.97	-220582.36	661541.72	-4238531.4
70	5	350	-11.67	-58.35	-58.35	680.95	-7944.60	18543.42	-24448.36
80	15	1200	-1.67	-25.05	21.79	41.85	-7.66	-69.90	7.78
90	9	810	8.33	74.97	69.39	624.51	518.01	5202.09	42814.82
100	4	400	18.33	335.99	1343.96	6158.68	24634.72	112882.24	451554.16
	2940			4200.04		-8207.46		12487382.56	
$\bar{X} = \frac{2940}{29} = 81.67$ $sm = \frac{2940.2}{29} = 8.24$									
$M_2 = \frac{4100.04}{29} = 141.38$ $M_3 = \frac{8207.46}{29} = 283.02$									
$M_4 = \frac{1243.96}{29} = 42.89$ $M_5 = \frac{6280.07}{29} = 216.55$									
$M_1 = \frac{M_2}{M_1} = \frac{141.38}{141.38} = 1$ $M_2 = \frac{283.02}{141.38} = 2$									
$M_3 = \frac{M_4}{M_3} = \frac{42.89}{141.38} = 0.30$ $M_4 = \frac{216.55}{141.38} = 1.53$									
$M_5 = \frac{M_5}{M_5} = \frac{216.55}{216.55} = 1$									

Fecha / Date:

Act. No. 6
Melvin Samayoa

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