



Mi Universidad

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<i>Nombre del tema</i>	CUARTILES
<i>Parcial</i>	UNIDAD 1
<i>Nombre de la Materia</i>	ESTADÍSTICA
<i>Nombre del profesor</i>	JORGE ENRIQUE
<i>Nombre de la Licenciatura</i>	PSICOLOGÍA

150	100	123	143	143	98	105	98
95	101	125	98	100	100	110	101
100	105	130	95	150	122	112	105
110	143	135	100	132	125	112	109
115	145	98	110	112	130	113	115
120	150	100	132	100	111	115	112
130	95	132	140	105	98	105	125
145	132	143	141	132	100	112	130

Intervalo	fi	% fi	fi _q	% fi _q
95 - 101	18	28.12 %	18	28.12 %
102 - 108	5	7.81 %	23	35.93 %
109 - 115	14	21.87 %	37	57.81 %
116 - 122	2	3.12 %	39	60.93 %
123 - 129	4	6.25 %	43	67.18 %
130 - 136	10	15.62 %	53	82.81 %
137 - 143	6	9.37 %	59	92.18 %
144 - 150	5	7.81 %	64	100 %
	<u>64</u>			

$$Q_1 = \frac{100.33}{}$$

$$Q_2 = \frac{112.85}{}$$

$$Q_3 = \frac{133}{}$$

$$D_1 = \frac{97.13}{}$$

$$D_2 = \frac{99.26}{}$$

$$D_3 = \frac{103.44}{}$$

$$D_4 = \frac{110.11}{}$$

$$D_5 = \frac{112.85}{}$$

$$D_6 = \frac{120.2}{}$$

$$D_7 = \frac{131.08}{}$$

$$D_8 = \frac{134.92}{}$$

$$D_9 = \frac{141.6}{}$$

$$P_{15} = \frac{98.2}{}$$

$$P_{21} = \frac{99.48}{}$$

$$P_{42} = \frac{110.66}{}$$

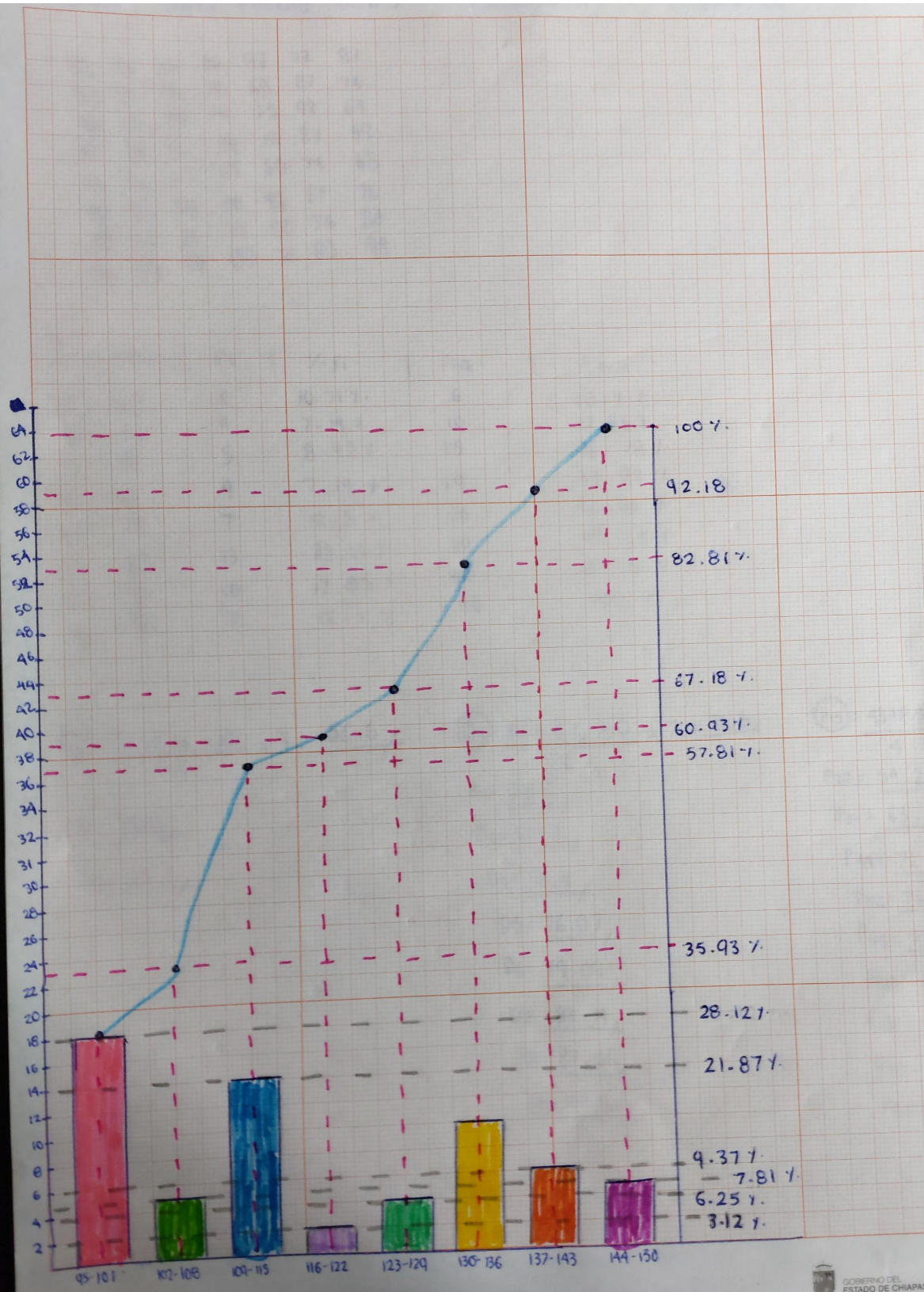
$$P_{51} = \frac{113.13}{}$$

$$P_{54} = \frac{113.95}{}$$

$$P_{84} = \frac{137.78}{}$$

$$P_{92} = \frac{142.88}{}$$

$$P_{97} = \frac{147.69}{}$$



Dulce María Moreno Solís Psicología A Estadística

98 56 66 36 97 73 81
~~35~~ 91 56 38 68 87 76
 90 89 89 44 75 92 64
 40 58 90 54 76 87 59
 45 76 97 63 80 74 68
 40 87 98 68 49 67 76
 49 80 36 75 80 76 80
 55 87 90 80 70 83 99

Intervalos	Fi	% Fi	Fia	% Fia
35 - 42	6	10.71%	6	10.71%
43 - 50	4	7.14%	10	17.85%
51 - 58	5	8.92%	15	26.78%
59 - 66	4	7.14%	19	33.92%
67 - 74	7	12.5%	26	46.42%
75 - 82	13	23.21%	39	69.64%
83 - 90	10	17.85%	49	87.5%
91 - 98	7	12.5%	56	100%

$$Q_2 = \frac{51 + 14 - 10}{5} \times 7 = \underline{56.6}$$

$$Q_2 = \underline{76.0}$$

$$Q_3 = \underline{85.1}$$

$$D_1 = \frac{35 + 5.6 - 0}{6} \times 7 = \underline{41.5}$$

$$D_2 = \underline{52.6}$$

$$D_3 = \underline{62.1}$$

$$D_4 = \underline{70.4}$$

$$D_5 = \underline{76.07}$$

$$D_6 = \underline{79.09}$$

$$D_7 = \underline{83.14}$$

$$D_8 = \underline{87.06}$$

$$D_9 = \underline{100.8}$$

$$P_{15} = \frac{43 + 8.4 - 6}{4} \times 7 = \underline{47.2}$$

$$P_{22} = \underline{54.2}$$

$$P_{31} = \underline{63.13}$$

$$P_{44} = \underline{72.64}$$

$$P_{52} = \underline{76.68}$$

$$P_{54} = \underline{77.28}$$

$$P_{82} = \underline{87.84}$$

$$P_{89} = \underline{91.84}$$

$$P_{92} = \underline{93.52}$$

$$P_{95} = \underline{95.2}$$

