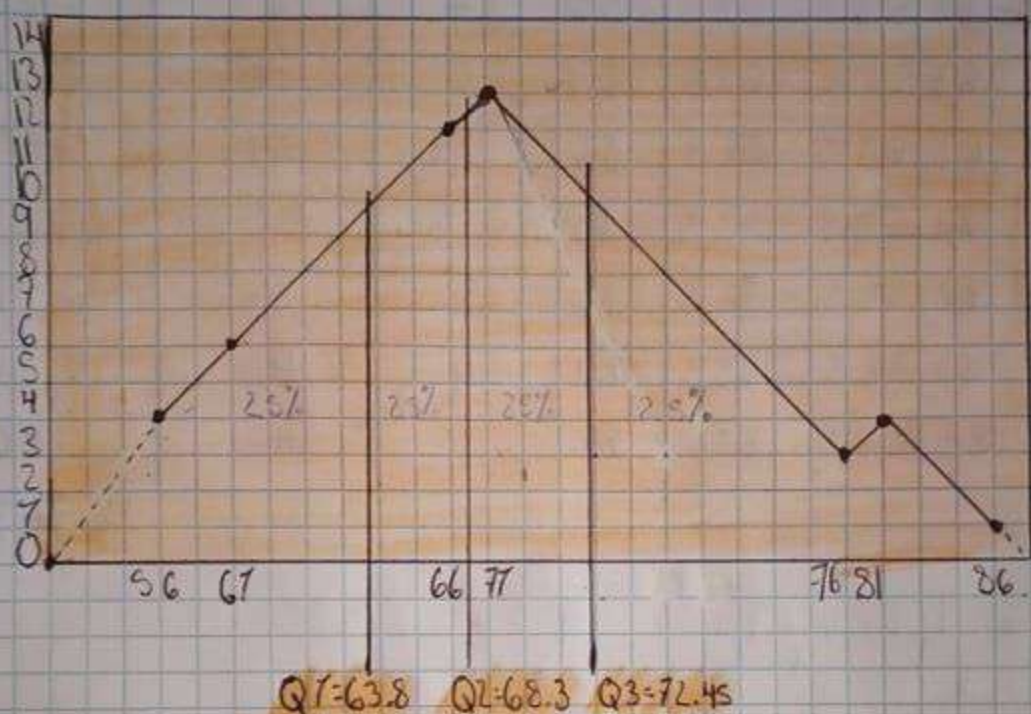


Anderson Moises Rodas pleitez

Fecha / Date:

Tarea 3H

Polígono de Frecuencia puntuos obtenidos por N. H3 alumnos en un examen de Estudios Sociales



$Q1 = 63.8$

$Q2 = 68.3$

$Q3 = 72.45$

Tarea 3#

Anderson-Moises Rodas Págs: 22

K	Intervalo	Lvs	Lrs	Xs	F	Fa	Fxs
1	54 - 58	53.5 - 58.5	56	4	4	224	
2	59 - 63	58.5 - 63.5	61	6	10	366	
3	64 - 68	63.5 - 68.5	66	12	22	792	
4	69 - 73	68.5 - 73.5	71	13	35	923	
5	74 - 78	73.5 - 78.5	76	3	38	228	
6	79 - 83	78.5 - 83.5	81	4	42	324	
7	84 - 88	83.5 - 88.5	86	1	43	86	

2943

$$Q1 = Lvs + \left(\frac{N/4 - Fa}{F} \right) \quad 43/4 = 10.75$$

$$Q1 = 63.5 + \left(\frac{10.75 - 10}{12} \right) 5 \quad Q1 = \underline{63.8}$$

$$Q2 = Lvs + \left(\frac{2N/4 - Fa}{F} \right) \quad Q2 = \frac{2 \times 43}{4} = 21.5$$

$$Q2 = 63.5 + \left(\frac{21.5 - 22}{12} \right) 5 \quad Q2 = \underline{68.3}$$

$$Q3 = Lvs + \left(\frac{3N/4 - Fa}{F} \right) \quad 3 \times 43 = 129$$

$$Q3 = 68.5 + \left(\frac{129 - 22}{13} \right) 5 \quad Q3 = \underline{72.45}$$

$$Q1 = 63.8 \quad Q2 = 68.3 \quad Q3 = 72.45$$