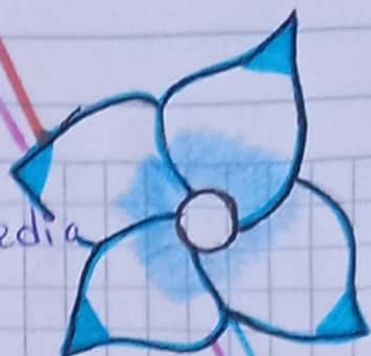


Wendy Velásquez solo

Act. 3.



Instrucciones: Calcule la desviación media y estándar de la siguiente tabla.
Peso en libra de 32 alumnos de kinder.

X	F	fX	d = (x - x̄)	f d	(x - x̄) ²	F(x - x̄) ²
29	2	58	29.81	59.62	888.64	1,777.28
38	2	76	20.81	41.62	433.06	866.12
47	2	94	11.81	23.62	139.48	278.96
56	10	560	2.81	28.1	7.90	79
65	11	715	6.19	68.09	38.32	421.52
74	4	296	15.19	60.76	230.74	922.96
83	1	83	24.19	24.19	585.16	585.16
32		1,882		306		4,931

$$\bar{x} = \frac{\sum fX}{N} \quad \bar{x} = \frac{1,882}{32} = 58.81$$

$$D.m. = \frac{\sum f|d|}{N} \quad D.m. = \frac{306}{32} = 9.56$$

$$S = \sqrt{\frac{\sum F(x - \bar{x})^2}{N}} = S = \sqrt{\frac{4,931}{32}}$$

$$S = \sqrt{154.09} \quad S = 12.41$$



"4to admón"