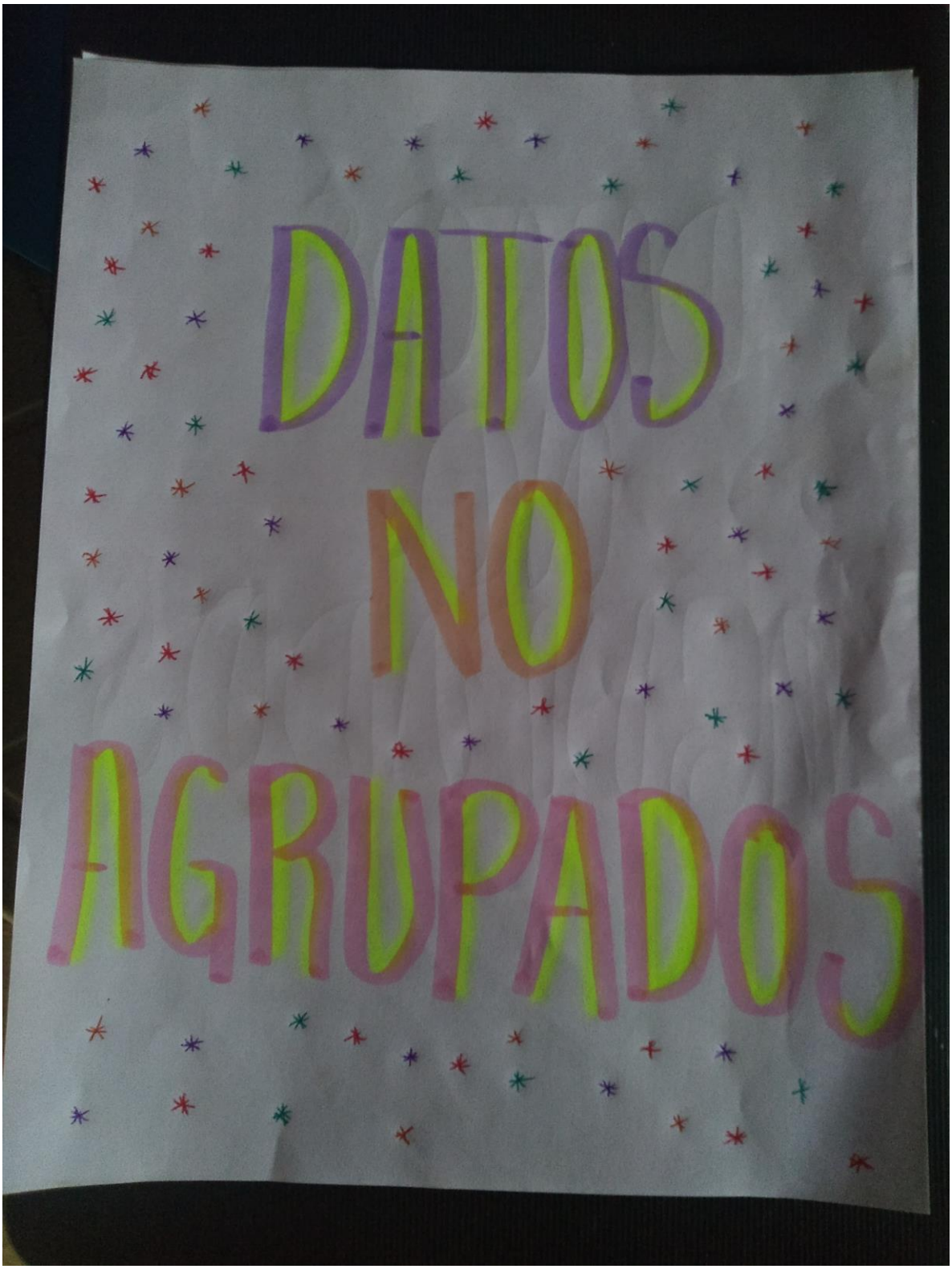
DATOS
NO
AGRUPADOS

Ejercicio ① Areiy Cifuentes Hernandez.

40, 56, 45, 56, 50, 50
55, 60, 55, 67, 49, 59
60, 63, 54, 50, 55, 58
63, 50, 50, 46 48, 60
47, 50, 65, 49, 40, 64
40, 49, 62, 58, 44, 72
55, 50, 78, 65, 50, 70
50, 54, 84, 62, 45, 68

Calculamos la media

$\bar{x}$ Suma de datos no agrupados / 48

$\bar{x} = \frac{2,670}{48} = 55.625$ // media

40, 40, 40, 44, 45, 45
46, 47, 48, 49, 49, 49
50, 50, 50, 50, 50, 50
50, 50, 50, 54, 54, 55
55, 55, 56, 56, 58, 58
59, 60, 60, 60, 62, 62
63, 63, 63, 64, 65, 65
67, 68, 70, 72, 78, 84.

Caculemos la mediana
Ubicamos los numero medios.

$ME = \frac{55+55}{2} = 55$ // mediana

Calculemoo la moda.
→ Numeroo que oe repiten mos

$MO = 55$ //

$EYI = 2670$ //
$EYI^2 = 152840$ //

Varianza.

$$S^2 = 152840 - \frac{(2670)^2}{\frac{48}{47}}$$

$S^2 = 152840 - 148518.75 = 91.94$ // varianza.

$S = 9.58$ // Desviación Estandar.

EJERCICIO ② AREIY CIFUENTES HERNÁNDEZ.

27, 40, 44, 35, 34, 57, 35, 38
35, 87, 35, 44, 44, 55, 87, 45
40, 35, 60, 78, 35, 78, 35, 56
78, 44, 66, 76, 55, 54, 88, 67
35, 35, 76, 89, 80, 86, 44, 77
44, 40, 82, 35, 66, 94, 35, 78
56, 85, 35, 70, 77, 90, 80, 35.

Calculamos la media.

$\bar{x}$ suma de todos los datos / 56

$\bar{x} = \frac{3,211}{56} = 57.339$ // media.

27, 34, 35, 35, 35, 35, 35, 35
35, 35, 35, 35, 35, 35, 35, 38
40, 40, 40, 44, 44, 44, 44, 44
44, 45, 54, 55, 56, 56, 56, 57
60, 66, 66, 67, 70, 76, 76, 77
77, 78, 78, 78, 78, 80, 80, 82
85, 86, 87, 87, 88, 89, 90, 94

Calculemos la mediana.

Ubicamos los numeros medios

$ME = \frac{55+56}{2} = 83$ // mediana.

Calculemos la moda

Numero que mas se repite.

MO = 35 // Moda.

$EY1 = 3211$ //

$EY1^2 = 207684$ //

Varianza.

$$S^2 = 207684 - \frac{(3211)^2}{\frac{56}{55} - 1}$$

$$S^2 = \frac{207684 - 184776.44}{55} = 428.501$$ //

$S^2 = 20.70$ // Derviación Estandar.