

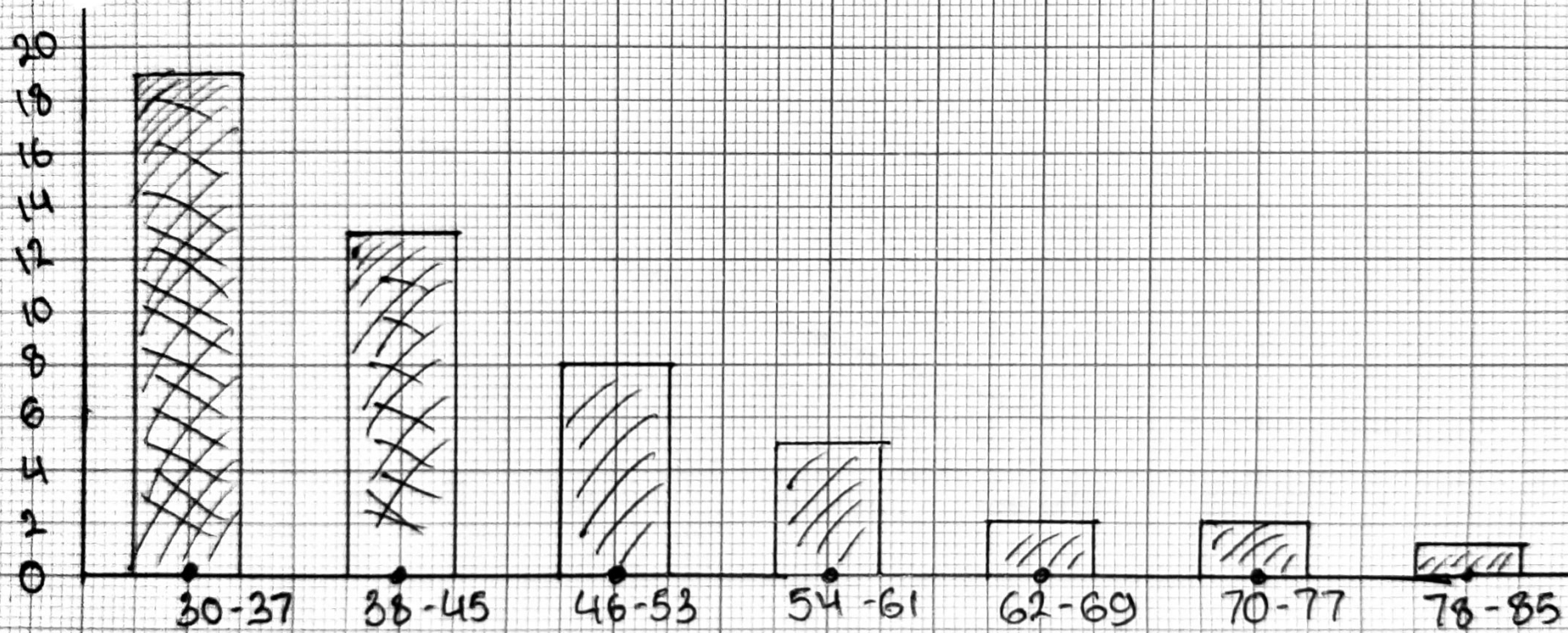
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Kelas : IF-3

1. Data penjualan motor diatas adalah diskrit, karena bilangan yang digunakan merupakan bilangan bulat.

2.

Jumlah Unit	Frekuensi
30 - 37	19
38 - 45	13
46 - 53	8
54 - 61	5
62 - 69	2
70 - 77	2
78 - 85	1

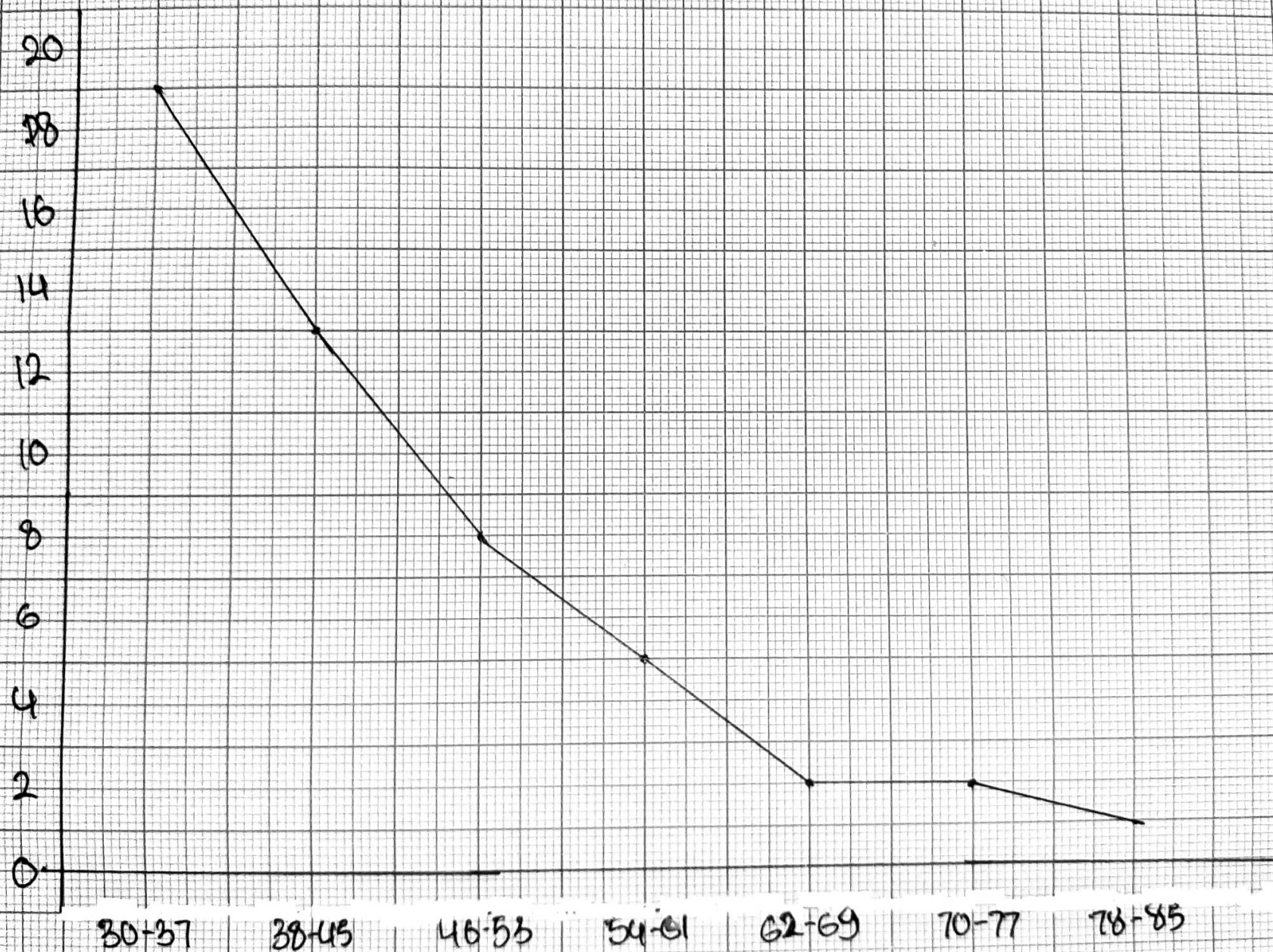
Nomor 3



Nomor 4



Nomor 5



6. a. Rata-rata penjualan motor perminggu.

$$\bar{X} = \frac{45 + 54 + 77 + 36 + 35 + 35 + 36 + 33 + 36 + 61 + 32 + 35 + 39 + 60 + 44 + 49 + 38 + 68 + 40 + 40 + 53 + 35 + 39 + 33 + 33 + 80 + 38 + 36 + 60 + 36 + 32 + 72 + 58 + 44 + 39 + 50 + 43 + 33 + 46 + 42 + 50 + 30 + 30 + 53 + 65 + 53 + 33 + 33 + 46 + 42}{50}$$

$$\bar{X} = 44,6$$

b. Median

30 30 32 32 33 33 33 33 33 33
 35 35 35 35 36 36 36 36 36 36
 38 39 39 39 40 40 42 42 43 44
 44 45 46 46 49 50 50 53 53 53
 54 58 60 60 61 65 68 72 77 80

$$\frac{40 + 40}{2} = 40$$

c. Varians

Jumlah Unit	Frekuensi	X_i	$f_i \cdot X_i$	$X_i - \bar{X}$	$f(X_i - \bar{X})^2$
30-37	19	33,5	636,5	-10,88	-206,72
38-45	13	41,5	539,5	-2,88	-37,44
46-53	8	49,5	396	5,12	40,96
54-61	5	57,5	287	13,12	65,6
62-69	2	65,5	131	21,12	42,24
70-77	2	73,5	147	29,12	58,24
78-85	1	81,5	81,5	37,12	37,12
Jumlah	50		2219		0

$$\bar{X} = \frac{2219}{50} = 44,38$$

$$S^2 = \sqrt{\frac{0}{50}} = \sqrt{0}$$

d. Standar Deviasi

$$S = \sqrt{\frac{0}{50}} = \sqrt{0} = 0$$