

Date:

(Senangan Yasmine - 9/9 - 2021)

1. Dik : Banyak telur Pecahan wawan

$$\text{Pkw} = 24^\circ \quad \text{PAi} = 90^\circ$$

$$\text{Vtk} = 72^\circ$$

$$\text{Jumlah telur} = 1.440 \text{ buah}$$

$$\text{IPA} = 54^\circ$$

Dit : Banyak telur bls. Wato = ... buah

$$\text{Perse. Bls. Wato} = \frac{\text{Jumlah telur}}{(\text{Pkw} + \text{Vtk} + \text{IPA} + \text{PAi})}$$

$$= \frac{360^\circ}{(24^\circ + 72^\circ + 54^\circ + 90^\circ)}$$

$$= \frac{360^\circ}{240^\circ}$$

$$= \frac{1}{2}$$

$$\text{B. Wato} = 1200 \times \frac{1}{2}$$

$$= 1200 \times 1.440$$

$$= \frac{120}{360} \times 1.440 = \frac{120 \cdot 1.440}{360} =$$

$$\text{B. Wato}$$

$$= 480 \text{ buah}$$

2. Dik : Mean Data-Rata tiga kelas

$$\text{total Siswa} = 100 \text{ orang}$$

$$k_1 = 85 \text{ dengan } 30 \text{ orang}$$

$$k_2 = 90 \text{ dengan } \dots \text{ orang} / \text{r}$$

$$k_3 = 95 \text{ dengan } 4 \text{ orang banyak dari } k_2$$

Dit : ~~banyak~~ Data-Rata nilai Penulih kelas = ...

$$\text{Per} = k_2 = 30 + f + (f + 4) = 100$$

$$= 30 + 2f + 4 = 100$$

$$= 2f = 100 - 30 - 4$$

$$= f = \frac{66}{2}$$

$$k_2 = 33 \text{ orang}$$

$$= f = 33$$

$$[k_3 = 33 + 4 = 37 \text{ orang}]$$

I can do all heavy things

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$$\begin{aligned} \text{Nilai Rata-Ratanya} &= \frac{(85 \times 30) + (90 \times 33) + (95 \times 37)}{100} \\ &= \frac{2.550 + 2.970}{100} + 3.515 \\ &= \frac{90.25}{100} \end{aligned}$$

$$\text{Rata-Ratanya } = 90.25$$

3. Dik = nilai ulangan matematika

Nilai	Frekuensi
31 - 40	1
41 - 50	2
51 - 60	10
61 - 70	8
71 - 80	7
81 - 90	4

Jumlah: 32

→ Frekuensi terbanyak

Dit = Modus =

$$\text{Pen} = T_b = 51 - 0.5 = 50.5$$

$$d_1 = 10 - 2 = 8$$

$$d_2 = 10 - 8 = 2$$

$$P = 10$$

$$\text{Modus} = T_b \left(\frac{d_1}{d_1 + d_2} \right) \times P$$

$$= 50.5 + \left(\frac{8}{8+2} \right) \times 10$$

$$= 50.5 + \left(\frac{8 \times 10}{10} \right) = 50.5 + 8$$

$$= \underline{\underline{58.5}}$$

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4.	Dik =
	Nomor Frekuensi
	70 4
	75 7
	80 8
	85 9
	90 6
	95 3
	100 2
Total	39

Dit = Sumpangan quatil : ...

Pen =

?

5. Dik = data = 5, 6, 4, 13, 12, 14

$n = 6$

Dit = Sumpangan baku = ...

Pen: $\bar{x} = \frac{\sum x}{n}$

$$= \frac{5 + 6 + 4 + 13 + 12 + 14}{6} = \frac{54}{6} = 9$$

Simpans

Sumpangan baku = $z(x - \bar{x})^2 =$

$$= (5-9)^2 + (6-9)^2 + (4-9)^2 + (13-9)^2 + (12-9)^2 + (14-9)^2$$

$$= 16 + 9 + 25 + 16 + 9 + 25$$

$$= 100$$

(KIKY) Anything good nothing bad

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$$\text{Simpangan} = \frac{\sqrt{2}(x-x)}{2}$$
$$= \frac{\sqrt{100}}{6} = \frac{\sqrt{100}}{\sqrt{6}}$$
$$= \frac{5}{3} \sqrt{3}$$

... tukar pernambahan? ...

Y) Never give up, winner never stop trying