

NAMA:

KELAS:

BAB 8 : SUKATAN SERAKAN DATA TAK TERKUMPUL

SUBTOPIK 8.2 : SUKATAN SERAKAN

Hitung min, varians dan sisihan piawai bagi set data di bawah.

1. 8, 9, 11, 12, 13, 16

$$\text{Min}, \bar{x} = 8 + \boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$

$$\text{Varians}, \sigma^2 = 8^2 + \boxed{}^2 + \boxed{}^2 + \boxed{}^2 + \boxed{}^2 + \boxed{}^2 - 11.5^2$$

$$= \boxed{}$$

$$\text{Sisihan piawai}, \sigma = \sqrt{6.92} = \boxed{}$$

2.

Umur, x	Kekerapan, f	fx	x ²	fx ²
1	1	1		1
2	3			
3	8			
4	6			
5	7			
	$\sum f =$	$\sum fx =$		$\sum fx^2 =$

$$\text{Min}, \bar{x} = \frac{\sum fx}{\sum f}$$

$$= \frac{\boxed{}}{\boxed{}} = \boxed{}$$

$$\text{Varians}, \sigma^2 = \frac{\sum fx^2}{\sum f} - \bar{x}^2 = \frac{\boxed{}}{\boxed{}} - \boxed{} = \boxed{}$$

$$\text{Sisihan piawai}, \sigma = \sqrt{\frac{\sum fx^2}{\sum f} - \bar{x}^2} = \sqrt{\boxed{}} = \boxed{}$$

Cikgu_Wanie7 **4**