Exercise 1																Calc. : 🗸	
Ŭ,	Australian biologist, Professor Fry, conducted a study on the length of the Golden Lancehead																
viper, a venomous	viper, a venomous snake, living on Snake Island in Brazil.																
He measured the	lengtl	n size	of a	samp	ole of	snake	es and	d reco	orded	his d	ata i	nto tl	he fol	lowin	ig tab	le.	
(Length values in	(Length values in table were rounded to the nearest cm).																
Length (cm)	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89		
Frequency	20	31	52	56	65	68	72	90	80	82	38	19	12	9	6]	
1. Calculate the	1. Calculate the mean, median, mode and range for this data set.															2 marks	
2. Calculate Q1	2. Calculate Q1 and Q3 for this data set.																2 marks
3. Calculate the	3. Calculate the standard deviation for this data set.																1 mark
4. Give an inter	4. Give an interpretation of the standard deviation.																2 marks
5. What percent	5. What percentage of the snakes measured 80 cm?															2 marks	
6. What percent	tage o	of the	e snał	xes m	easur	ed le	ss the	an 80	$\mathrm{cm}?$								2 marks