



Calculate the test statistic for the following data pairs

 $\int_{\mathbb{R}^{N}} \int_{\mathbb{R}^{N}} \int_{\mathbb{R}^{N}} \int_{\mathbb{R}^{N}} \frac{\sum x^{2}}{n} \cdot \left[ \frac{\sum x^{2}}{n} \right]^{2}$ 

χ	1	2	3	4	5	6	7	8	9
Ч	5	8	9	6	7	4	2	3	1

Ь.

ĺ	χ	10	12	14	16	18	20	22	24	26	28	30	32	34
I	Υ	13	10	9	11	12	7	8	6	5	4	2	1	3

χ	18.4	17.2	16,9	15.4	16.3	19,7
Y	8	10	14	12	16	11

d.

χ	15	19	20	21	24	24	28	32	33	35	38
Ą	64	67	62	65	68	64	63	<b>6</b> 0	61	64	66

2. The number of marshmallows added to a cookie (x) and the rank of each cookie decided by Nanny Ivy (where 1 is the best and 9 is the worst) is recorded below.

X	12	10	8	14	9	10	7	8	10
Ч	1	2	3	4	5	6	7	8	9

Calculate the test statistic for the data

3. The overnight temperature and 90 cloud cover is recorded for 10 locations in the UK and the data is presented below

Location Min Ten	np 90 cloud Cover	
Plymouth	-4	54
Portsmouth	-2	56
Cardiff	-8	67
Birmingham	D	49
Middlesbrough	-1	50
Ipswich	D	57
Nottingham	2	42
Manchester	3	45
Liverpool	2	51
Edinburgh	-6	39

Calculate the test statistic for the data

4. The position a contestant completed the competition along with the number of trial they had to endure is recorded on the table below

P	14	13	12	11	10	8.5	8.5	7	6	4.5	4.5	3	2	1
+	3	D	2	1	5	9	7	5	10	6	8	5	7	7

Calculate the test statistic for the data



























