CALCULATION FOR THE CHI-SQUARE TEST

An interactive calculation tool for chi-square tests of goodness of fit and independence

1: Type in the **Absolute Frequencies** from your Contingency Frequency Table.

You do **NOT** need to type in any of these values; the calculator will generate all of these values.

	Gp 1	Gp 2	Gp 3	Gp 4	Gp 5	Gp 6	Gp 7	Gp 8	Gp 9	Gp 10	
Cond. 1:	50	28	28								106
Cond. 2:	80	58	55								193
Cond. 3:	50	43	58								151
Cond. 4:											0
Cond. 5:											0
Cond. 6:											0
Cond. 7:											0
Cond. 8:											0
Cond. 9:											0
Cond. 10:											0
	180	129	141	0	0	0	0	0	0	0	450

Output:

Calculate   Reset all

Chi-square: 7.301
degrees of freedom: 4
p-value: 0.12081132
Yates' chi-square: 6.355
Yates' *p*-value: 0.17415893

Status: Status okay

2: Click "**Calculate**" and the calculator will generate the **chi-square statistic**, the **degrees of freedom (df)**, and the **p-value**.