

				FORMULA				
=SUM(DARK	STRAWBERRY	VANILLA	RowTotal	=SUM(DAIRYMILK	KITKAT
		MALE	38	53	30	121	MALE	12
		FEMALE	14	34	40	88	FEMALE	18
		ColTotal	52	87	70	209	CoTotal	35
								65
=(*)/		DARK	STRAWBERRY	VANILLA		DAIRYMILK	KITKAT	MILK
		MALE	30.10526316	50.36842105	40.52632	MALE	7.5765766	19.32432
		FEMALE	21.89473684	36.63157895	29.47368	FEMALE	28.69369	12.018018
								46
=(-)^2		DARK	STRAWBERRY	VANILLA		DAIRYMILK	KITKAT	MILK
		MALE	2.070298123	0.137491063	2.734108	MALE	19.566675	1.753835
		FEMALE	2.846659919	5.319309245	3.759398	FEMALE	39.7695	24.820144
								39.7695
X2	16.86726484					X2	127.4335	
D.O.F	2					D.O.F	2	
pvalue	0.00021743					PVALUE	2.13E-28	