Торіс	What students need to learn:		
	Content		Guidance
6 Chi Squared Tests	6.1	Goodness of fit tests and Contingency Tables The null and alternative hypotheses. The use of $\sum_{i=1}^{n} \frac{(O_i - E_i)^2}{E_i}$ as an approximate $\chi^2$ statistic. Degrees of freedom.	Applications to include the discrete uniform, binomial, Poisson and geometric distributions.Lengthy calculations will not be required.Students will be expected to determine the degrees of freedom when one or more parameters are estimated from the data. Cells should be combined when $E_i < 5$ Students will be expected to obtain p- values from their calculator or use tables to find critical values.