2(a)	$p = \dfrac{e^{-2.8}(2.8)^3}{3!} \times 100 = 22.248$
	$q = \dfrac{(29 - 22.25)^2}{22.25} = 2.05$
2(b)	H_0: Po(2.8) fits the data. H_1: Po(2.8) does not fit the data. OR H_0: Po(2.8) is a satisfactory model for the number of cars (entering the car park). H_1: Po(2.8) is not a satisfactory model for the number of cars (entering the car park).
	$2.739 + 0.241 + 2.152 + '2.049' + 0.425 + 3.753 + 0.037 \quad [= 11.396]$
	'11.4' < 12.59, accept H_0 / do not reject H_0 / not significant.
	Insufficient evidence to suggest that Po(2.8) is not a good fit to the data. OR Insufficient evidence to suggest that the manager's claim is false.