	A	B	C	D	E	F	G
1	Fit the poisson distribution and find the expected frequencies.						
2							
3	x	f	p(x)	Expected Frequency	Round f(x)		
4			=POISSON.DIST(A5,C18,FALSE)	=C5*B13	=ROUND(D5,0)		
5	0	71	0.170858886	68.17269538	68		
6	1	112	0.30189352	120.4555144	120		
7	2	117	0.26671044	106.4174657	106		
8	3	57	0.157085096	62.67695349	63		
9	4	27	0.069389093	27.68624825	28		
10	5	11	0.024520958	9.783862165	10		
11	6	3	0.007221084	2.881212542	3		
12	7	1	0.001822723	0.727266324	1		
13	Total	399	0.9995018	398.8012183	399		
14							
15							
16	Cases	Symbol	Value	Formula			
17	No. Of Cases	n	7	=MAX(A5:A12)			
18	Mean	λ	1.766917293	=SUMPRODUCT(A5:A12,B5:B12)/SUM(B5:B12)			
19							
20							
21	The Expected Frequencies are:						
22	68						
23	120						
24	106						
25	63						
26	28						
27	10						
28	3						
29	1						