		Number of Trials (n):	3
		Probability of Success (p):	0.3
x	**f(x)**	**Cumulative Probabilitiy**	
0		0.343	0.343
1		0.441	0.784
2		0.189	0.973
3		0.027	1

Mean Number of Occurrences 10

Number of Arrivals	Probability, f(x)	Cumulative Probability
0	0.0000454	0.00004540
1	0.0004540	0.00049940
2	0.0022700	0.00276940
3	0.0075667	0.01033605
4	0.0189166	0.02925269
5	0.0378333	0.06708596
6	0.0630555	0.13014142
7	0.0900792	0.22022065
8	0.1125990	0.33281968
9	0.1251100	0.45792971
10	0.1251100	0.58303975
11	0.1137364	0.69677615
12	0.0947803	0.79155648
13	0.0729079	0.86446442
14	0.0520771	0.91654153
15	0.0347181	0.95125960
16	0.0216988	0.97295839
17	0.0127640	0.98572239
18	0.0070911	0.99281350
19	0.0037322	0.99654566
20	0.0018661	0.99841174

Mean	36500
Standard Deviation	5000
P(x <= 40,000) =	0.758036
P(x> 40,000) = 1 - P(X<= 40,000) =	0.241964
Guarantee of Lifetime Flight Hours for 10% of engines eligible for discount guarantee:	
P(30,000 <= x <= 40,000)	0.758036
	0.0968
	0.661236

Mean, mu =	15
P(x<=18) =	0.698806
P(x<=6) =	0.32968
P(x<= 6 <= 18) = P(x <= 18) - P(x <= 6) =	0.369126