X	Mean	Standadrd Dev	Sample Size	standard error	Standardize	Prob	1-prob	
12	12	0.3	6		0	0.5	0.5	Normal Dist
				0.122474487	0	0.5	0.5	Sampling Dist

Confidence Intervals

Mean	Alpha	Std Dev	Sample Size		UCL	LCL
12	0.05	0.3	6	0.240045584	12.24004558	11.75995442

Calculating Z value from Probability

Probability	Z-value
0.05	-1.644853627

Calculating Probability from Z value

Z-value	Probability
4	0.999968329

Calculating X from Z

z	Mean	Standadrd Dev	X
-1.64485	12	0.3	11.50654391