

TI-84+ Lab 14 For Statistics 225

Topics: Graphing Normal Distribution Superimposed On Binomial Distribution

Graphing Normal Distribution Superimposed On Binomial Distribution.

To graph the normal distribution with $\mu = 4$ and $\sigma = 1.55$ on the binomial distribution with $n = 10$, $p = 0.4$, type

- WINDOW -0.5 10.5 1 -0.2 0.4 0.1 1
- Y = 2nd DISTR normalpdf(X , 4 , 1.55) GRAPH
- STAT ENTER, then enter 0 1 2 ... 10 in L_1 and define L_2 as 2nd DISTR binompdf(10, 0.4 , L_1) ENTER
- 2nd STAT PLOT ENTER ON ENTER pick histogram plot ENTER GRAPH