

AP Statistics: Calculator Tips

- 1 Var. Stats: Gives you mean, standard deviation, 5 number summary
- Normalcdf: Gives you area under a normal curve
Syntax: (lower limit, upper limit, mean, standard deviation)
- InvNorm: Gives you the z score when you know the area under the curve
Syntax: (area to the left, mean, standard deviation)
- Binomialpdf: (n,p,k) Binomialcdf: (n,p,k)
n is number of trials, p is probability of success, k is number of successes
- Geometricpdf: (p,n) Geometriccdf: (p,n)
p is the probability of success, n is number of trials until success
- InvT: Gives you the t statistic when you know the area under the curve
Syntax: (area to the left, degrees of freedom)
- Linear Regression: Stat → Calc. → # 8 → L_1, L_2
- Residual Plot: Put explanatory values in L1, response values in L2, calculate linear regression (see previous bullet), turn Plot on and set L1 as XList for RESID as YList (RESID is found under 2nd Stat), Zoom 9