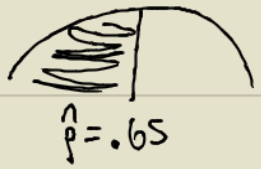
1. c) $n = 800$ $p = .70$



① $\mu_{\hat{p}} = p = .70$

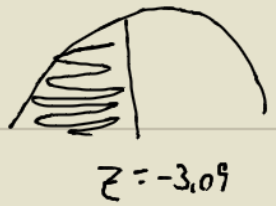
$\sigma_{\hat{p}} = \sqrt{\frac{p(1-p)}{n}} = \sqrt{\frac{.70(1-.70)}{800}}$

$= .01620185$17

② $z = \frac{\hat{p} - \mu_{\hat{p}}}{\sigma_{\hat{p}}}$

$z = \frac{(.65 - .70)}{.01620185}$17

$z = -3.09$



③ CALC : $NCDF(-E99, -3.09, 0, 1) = .0010$

HAND: $.0010$