القوانين 324 احص

$Z = \dfrac{X - \mu_0}{\sigma/\sqrt{n}}$	$X \pm Z_{1-\frac{\alpha}{2}} \dfrac{\sigma}{\sqrt{n}}$
$T = \dfrac{X - \mu_0}{S/\sqrt{n}}$	$\bar{X} \pm t_{1-\frac{\alpha}{2}} \cdot \dfrac{S}{\sqrt{n}}$
$Z = \dfrac{(\bar{X}_1 - \bar{X}_2) - d}{\sqrt{\dfrac{\sigma_1^2}{n_1} + \dfrac{\sigma_2^2}{n_2}}}$	$(\bar{X}_1 - \bar{X}_1) \pm Z_{1-\frac{\alpha}{2}} \sqrt{\dfrac{\sigma_1^2}{n_1} + \dfrac{\sigma_2^2}{n_2}}$
$T = \dfrac{(\bar{X}_1 - \bar{X}_2) - d}{S_P \cdot \sqrt{\dfrac{1}{n_1} + \dfrac{1}{n_2}}}$	$(\bar{X}_1 - \bar{X}_1) \pm t_{1-\frac{\alpha}{2}} \cdot S_P \cdot \sqrt{\dfrac{1}{n_1} + \dfrac{1}{n_2}}$
$Z = \dfrac{\hat{P} - P_0}{\sqrt{\dfrac{p_0 q_0}{n}}}$	$S_P^2 = \dfrac{(n_1 - 1)S_1^2 + (n_2 - 1)S_2^2}{n_1 + n_2 - 2}$
$n = \dfrac{Z_{1-\frac{\alpha}{2}}^2 \hat{p}\hat{q}}{e^2}$	$\hat{P} \pm Z_{1-\frac{\alpha}{2}} \sqrt{\dfrac{\hat{p}\hat{q}}{n}}$

$n = \left(\dfrac{Z_{1-\alpha/2}\,\sigma}{e}\right)^2$	$e = Z_{1-\frac{\alpha}{2}} \dfrac{\sigma}{\sqrt{n}}$,	$e = Z_{1-\frac{\alpha}{2}} \sqrt{\dfrac{\hat{p}\hat{q}}{n}}$

Values of Z	
$Z_{0.90}$	1.285
$Z_{0.95}$	1.645
$Z_{0.97}$	1.885
$Z_{0.975}$	1.96
$Z_{0.98}$	2.055
$Z_{0.99}$	2.325
$Z_{0.995}$	2.575