$$m = 129$$
 $\bar{x} = 107.6$ $S_1 = 1.3$
 $n = 129$ $\bar{y} = 123.6$ $S_2 = 2.0$
 M_2 pop mean for Grab 2

large sample:
$$\lambda = \frac{1123.6 - 107.6 - 10}{\sqrt{\frac{123}{129} + \frac{220}{129}}}$$

(b)
$$M_1 - M_2 \in [(107.6 - 123.6)] = [-6.4 \times -6.69]$$

$$M_1 - M_2 \in [-6 + 1.96] = [-6.4 \times -6.69]$$

(a)
$$n = m = (3 + 3)(3 + 2p)^2 = (1-5+4)(2-33+0-85)^2$$

$$(a'-4)^2 = (12-10)^2$$

(a) 171/18 = 2-54

$$Y = \frac{\left[\frac{1.69}{14} + \frac{4}{22}\right]^2}{\left(\frac{1.69}{13} + \frac{4}{22}\right)^2} = 33.96 \quad 533$$

$$F = \frac{1.3}{2} = 0.4225$$

$$\hat{P}_1 = 6.57$$
 $\hat{P}_2 = 0.82 = 2 = 0.67 - 0.82$

$$\sqrt{\hat{p} \hat{q} \left(\frac{1}{m} + \frac{1}{n}\right)}$$

we rajed 4.