Hoja de trabajo #10 Norman Daniel Vicink Orellana

$$M = 14$$
 a) $2 = 14.5 - 14$ $= 2.5$
 $N = 100$
 $X = 145$

$$\frac{6}{\sqrt{n}} = 0.20$$

$$6 = 2.5$$
 $n = 100$

$$6_{\frac{1}{N}} = \frac{\delta}{\ln 1} = \frac{2.5}{100} = 0.25$$

$$P(-2 \le X - M \le 2)$$

Problema III

$$\frac{6}{\sqrt{n}} = 0.14$$

$$\bar{\chi} + 2 \frac{1}{2} = (5.13, 5.67)$$

Problema is

$$n = 21$$

 $S = 7.4$
 $\bar{y} = 24.4$

$$\frac{3}{\sqrt{n}} = 1.61$$

$$\frac{1}{1} \pm \frac{1}{10} = (23.23, 29.93)$$

Problema Y

$$6p = \sqrt{P(1-P)} = 0.013$$

b) No, ya que con un 90% de confianza el minimo

15 el 76%

Problema VI

$$n_1 = 30$$
 $n_2 = 30$
 $\sqrt{n} = 4.44$
 $\sqrt{n} = 140.4$
 $\sqrt{n} = 140.4$

Limite Sup: 176.17

Limit inf: 134.33