$$P(X < 200.5)$$
 which we were the solution $= P(X < 0.0456)$
 $= P(X < 0.0456)$
 $= 0.5182$

(ii)
$$P(x>750)$$
 $P(x> \frac{750.5 - 700}{210})$
 $P(X>3.48483) \simeq 0.0002$

-250> 10, expect 10 successes a Wyailung

d) our confidence interval would get bigger

e) our confidence introval would decrease

4) 6.14 Text

$$\frac{\delta}{\delta}$$
 = 0.05

Between 0.435 and D.526 americana wouldn't go to college

$$-\left(\frac{1.96}{0.00}\right)$$
 2 . 0.61 (0.39)

$$\frac{2(p(1-p))}{1000}$$

$$moe = 1.28 (0.01028)$$

$$= 0.01315$$

$$p = 0.88 \pm 0.01315$$

 $\cap \geq$

$$7) \left(\frac{1.96}{2(0.03)}\right)^{2}$$

- 2401