$$\hat{\Gamma} = \frac{250}{1000} = 0.25$$

90%- upper C-I =
$$p = \hat{p} + \frac{2}{1-x} |\hat{p}(1-\hat{q})|$$
 vasimple C-I = $p = \hat{p} + \frac{2}{1-x} |\hat{p}(1-\hat{q})|$ vasimple C-I = $p = 0.268$

$$q - M \in \vec{X} \mp \frac{2}{9/2} = M \in [135.39 \mp 1.96 + .89] = M \in [$$

b - what, we have here is a large sample C-I. we have for M large $\frac{X-M}{5/m}$ approximately normal (011)

=
$$(3.601,28.977)$$
 => 66 $(\sqrt{3.601}, \sqrt{28.977})$ = $(1.898,5.38)$