Quiz 3.
$$N(4.25, 0.004)$$
 $P(X < 4.1) = P(Z < \frac{4.1 - 4.15}{5.0004}) = P(Z < -2.37)$
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Q2.
$$X \sim Exp(M=12)$$
 $f(x)=\frac{1}{12}e^{-\frac{\pi}{12}}$ $x > 0$.

$$P(X>15 | X>6) = P(X>9) = \int_{0.2e^{-\frac{\pi}{12}}}^{\infty} f(x) = \int_{0.2e^$$

(C)
$$N=8/00$$
 $M=1.6 \text{ mg}$
 $S=0.5$
 $S=0.5$

(a) 95% C.J. for M.

$$X = (80, S = 80.$$

(a) 95% C.J. for M.

 $X = (80, S = 80.$
 X

(6) - Xe-x ~ 3

CI for
$$P: P \pm 3 \times P = 0.57$$

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