Monday, November 14, 2016 -

Late Start

3.5 - Solving Exponential & Log Equations **HW** Questions

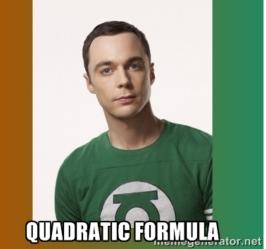
Quiz 3.3 - 3.5 on Wednesday!

3.5 Solving Continued Change to Log/Ln form() $25e^{-.7x} = 125$ (2) $18e^{-.7x} = 100$ Ty $p^{2x} = 5$ ln 5 = .2x $x = \frac{\ln 5}{2} \lesssim 8.047$ $\frac{3}{(1+6e^{-.5x})} = 10$ $25 = 10 + 60e^{-.5x}$ $\frac{15}{60} = \frac{60e^{-.5x}}{60}$ $\frac{15}{4} = \frac{15}{60} = e^{-.5x}$

$$\ln \frac{1}{4} = -.5x$$

 $X = \frac{\ln(\frac{1}{4})}{-.5} + \frac{1}{2.73}$

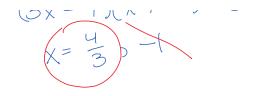
WHAT DO BABY PARABOLAS DRINK?



 $e^{-.7x} = \frac{100}{10}$ x =-2,450

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Change to Exponential Form
(a)
$$\log (2y+8) = 2$$
 (c) $\ln x^3 = 4$
 $\int_{10}^{2} = \lambda y+8$
 $\int_{3}^{2} = \lambda y+8$
 $\int_{3}^{2} = 2y+8$
 $\int_{3}^{2} = 2y+8$
 $\int_{3}^{2} = 2y+8$
 $\int_{2}^{2} = 2y+8$
 $\int_{10}^{2} = x^{2}-17x + 10$
 $\int_{10}^{2} = (x-21)(x+4)$
 $\chi = 21$, $\chi = 44$
 $\int_{10}^{2} = 2y - 4$
 $\int_{10}^{2} = 2y - 4$





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