C 2013 Nathamatics Vision Project Transforming Mathamatics Education	Schwe for the unknown variable. Estima $x_{+3=3x+11}$ 7. $9x^{-3}=9^{2x-17}$ 8. $2^{2x-18}$ $y_{-2}=y_{-2$	Show all work on the short ans $x = (u + 5)^2$ for $x \ge -5$ , then $x = (u + 5)^2$ for $x \ge -5$ , then $x = (u + 5)^2$ for $x \ge -5$ , then $x \ge -5$ . Then $x \ge -5$ then $x \ge -5$ . Then $x \ge -5$ then $x \ge -5$ . Then $x \ge -5$ then $x \ge -5$ . Then $x \ge -5$ then $x \ge -5$ . Then $x \ge -5$ then $x \ge -5$ . What are the domain a $x \ge -5$ what is the inverse of $f(x) = 9^x$ ?  So what is the inverse of $f(x) = 9^x$ ?  So what are the features of $f(x)$ and it.
6974875.00 -4,716,000-11-11-11-11-11-11-11-11-11-11-11-11-	Solve for the unknown variable. Estimate answers to the nearest hundredth when necessary. (1) = 3	Name: Period  Date: Period  wer questions. Good Luck!  of $f^{-1}(x) = \sqrt{x^2 - 6}$ other. $f(7) = 56$ . What is $g(56)$ ?  values of $x$ will $f(x)$ be invertible?  of range of $f^{-1}(x)$ ?  (A) D: (0,00)  (B) R: (-0,00)
© 2018 Mathematics Vision Project Transforming Mathematics Education	by the state of th	Park vis stocks ti a V  1. Lauren  (aspo)  (as
MATHEMATICSVISIONPROJECT.ORG	ty will break down 14% of the medicine every 4 hours.  800(114)  800(114)  800(114)  800(.86)  C. How much of a 800-mg dose is still in her system after 4 hours?  1688 mg  80(.86)  82:4=9  1.314 mg  800 (.86)  82:4=9  1.314 mg  800 (.86)	Park visitors will be allowed to fish one the population reaches 10,000 fish. The park stocks the lake with 550 bass, and the population grows at 13.5% each month.  a. Write an equation that could allow you to find out the number of months until park visitors can be allowed to fish.  10,000=550(1.135)  b. Solve your equation.  22.9 months or 1.9 years   100,000 = 1,135 × 100,000    13. Lauren has \$7000 she wants to invest. An account at Bank of Raleigh pays 7% compounded quarterly. At Apex Bank, she can get an account that pays 6.5% compounded monthly. Which bank should she use in order to have the most money after 9 years? Justify your answer.  Ratical April 1.85  A=13071.85  A=12,545.12  14. Donna fell and hurt her ankle. The doctor gave her a pain reliever to help. Donna's

She should wat BAR to source more indurest

12 Eric is a ranger at Cary Lake National Park. The Park is re-stocking the lake with fish.

