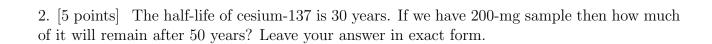
Lecture time: 12 pm	Quiz 4	Quiz time limit: 20 min.
Spring 2015	Your name:	
Math 0220	Your TA's name:	
No calculators, no notes, no books are permitted. L'Hospital's rule is not allowed. SHOW ALL WORK (no work = no credit). Write neatly. Simplify your answers.		

^{1.} Use a linear approximation to estimate the number $(8.03)^{2/3}$.



bonus problem [5 points extra] $f(x) = \sin^2 x + 5\cos^2 x$, $0 \le x \le \frac{\pi}{2}$. Find $(f^{-1})'(4)$. Simplify your answer.