

3(a)	Sketch decreasing positive curve for $y = 3e^{-2x}$
	Sketch curve for $y = \sec x$
3(b)	Equate and arrange at least as far as $e^{-2x} = \dots$ or $e^{2x} = \dots$ with $\cos x$ present
	Confirm $x = \frac{1}{2} \ln(3 \cos x)$
3(c)	Use iterative process correctly at least once
	Obtain final answer 0.487
	Show sufficient iterations to justify answer, or show a sign change in the interval $[0.4865, 0.4875]$