

Question 6

1449

What is the derivative of $\frac{x}{\cos x}$?

1. $\frac{\cos x + x \sin x}{\cos^2 x}$
2. $\frac{\cos x - x \sin x}{\cos^2 x}$
3. $\frac{x \sin x - \cos x}{\cos^2 x}$
4. $\frac{-x \sin x - \cos x}{\cos^2 x}$