

Quiz # 3

Q1:

If $f(x) = (2x+3)^{(1-x)}$, then find $f'(-1)$

Q2: If $y = 1 + \cos(xy)$, find the equation of the normal at $(\frac{\pi}{2}, 1)$.

Q3: If $f(x) = \ln\left(\frac{3}{x}\right)$, find $f'(1)$.
(9999)

Q4: If $f(x) = \sin x$, find $f'(x)$.
(4137)