KFUPM MATH101 Quiz#3 Sec. 1

Name Sr.

Q1 $If\ f(2)=1, f'(2)=2, g(2)=3, g'(2)=4\ then\ \frac{d}{dx}\left[\frac{xf(x)}{x+1}\right]\Big]_{x=2} =$

Q2 $\lim_{x\to\pi} \frac{sin(sinx)}{tanx} =$

Q3 Find an equation of the normal line to the curve $y = x^2 + 2x + 1$that parallel to the line $x + 4y = 1$