

206 Math-Quiz

Name:

September 9, 2023

Find the following:

- (1) If $f(x, y) = \ln(e^y + xe^x)$, find f_x, f_y .
- (2) If $W = uv + v^2$, where $u = x\cos y, v = y\cos x$, find W_x, W_y .