Consider the function \( f(x, y) = \frac{\sqrt{y - x^2}}{1 - x^2} \).

a) Find and sketch the domain of \( f(x, y) \).

b) Find a linearization of \( f(x, y) \) at the point \((2, 5)\) and use it to approximate \( f(1.9, 5.02) \).