

Worksheet 3

Name:

1. Find the derivative of the function $f(x) = \frac{e^x}{1+x^2}$.

2. Find the derivative of the function $f(t) = \frac{t^2}{(t+1)4^t}$.

3. Compute $\frac{d}{dq} \left(\frac{a^q}{(q^a+1)} \right)$.