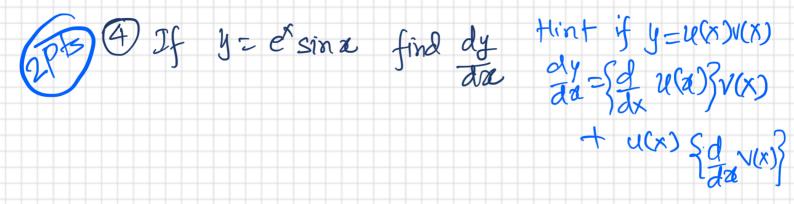
Classwork 03: Glowles CPE381

(1) Using the fixt private differentiate the function $f(x) = e^{2x}$ with respect to x. (2)

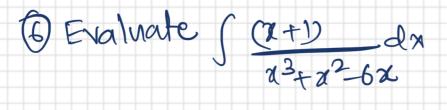
2) If y= sin x +ex, find dy





If $y = \frac{z}{x^2 + 1}$, find $\frac{dy}{dx}$ (2pts)

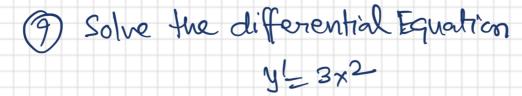
Heints use the quotient rule as $y = \frac{y}{y}$, then $y = \frac{y}{y}$ (x) $y = \frac{y}{y}$ (x)





Find the indefinite integral of fex>= 3x2+4x-2

& Find Jasinzda (Pts)
Hint: Use integration parts: Judy = UV-Jydle





(10) Solve the equation:
$$(1+y^2) y' = \frac{3}{x}$$

