CALCULUS
Problem Bank
Derivatives of exponential functions
\[ f(x) = e^x + x^5 \]

slope of tangent line at \( (1, e + 1) \)?

\[ f'(x) = e^x + 5x^4 \]

(a) \( e + 1 \)

(b) \( e + 5 \)

(c) \( e^x + 5x^4 \)

(d) none of the above