

all z in the interval a < z < b except z = 0. For how many values of c, for a < c < b, does $\lim_{z \to c} \frac{f(z) - f(c)}{z - c} = \frac{f(b) - f(a)}{b - a} 2$ Trangent line = Security line

They for a < c < b, does

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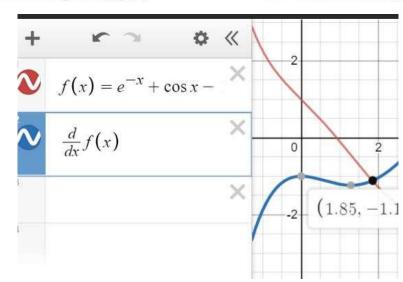
3. Let f be the function given by $f(x) = e^{-x} + \cos x - 1$. What is the value of f'(2)?







(D) -1



Let f be the function given by $f(x) = x^4 + x^3 - 3x^2 - x - \cos(x^2)$. Of the following values of x, at which does the line tangent to the graph of f have the greatest slope?

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