MATH 7A Summer 2022 Discussion Quiz 3

Five (5) points on completion plus five (5) points on correctness, for a total of ten (10) points

Find the equation of the tangent line to the curve

$$f(x) = \left(\frac{(x+2)^2(3x+4)^4}{(5x+6)^6}\right)^2$$

at x = -1.