

MATH 30, 5/1/2020: CORONA QUIZ 9

1. Find all antiderivatives of the function $f(x) = \frac{1}{\sqrt{x}} + \cos(6x)$.

2. Write $\int_0^1 e^x dx$ as a limit of a Riemann sum with n rectangles, using “right endpoints.” (That is, write the integral according to its original definition as a limit.) You don’t need to find the numerical final answer. **Make a sketch illustrating your answer.**