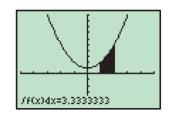
CHAPTER 19 - AREAS UNDER CURVES TI-84 Plus

To find the area enclosed by $y = x^2 + 1$, the x-axis, x = 1, and x = 2, we first draw the graph of $y = x^2 + 1$. Press 2nd TRACE (CALC) and select 7: $\int f(x) dx$. Press 1 ENTER 2 ENTER to specify the lower and upper limits of the integral.



So, the area = $3\frac{1}{3}$ units².