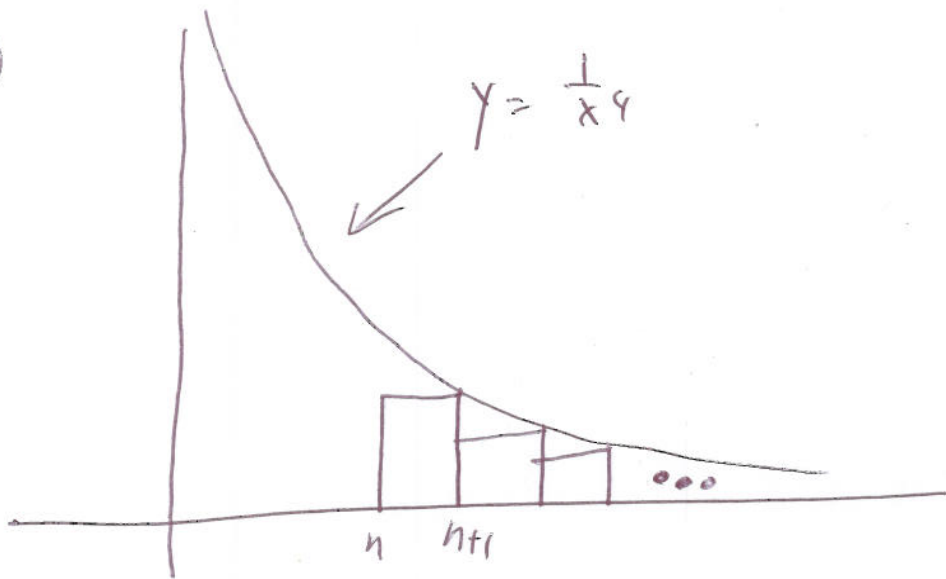


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(2)



The area in the boxes \leq The area under the curve

$$\sum_{k=n+1}^{\infty} \frac{1}{k^4} \leq \int_n^{\infty} \frac{1}{x^4} dx$$