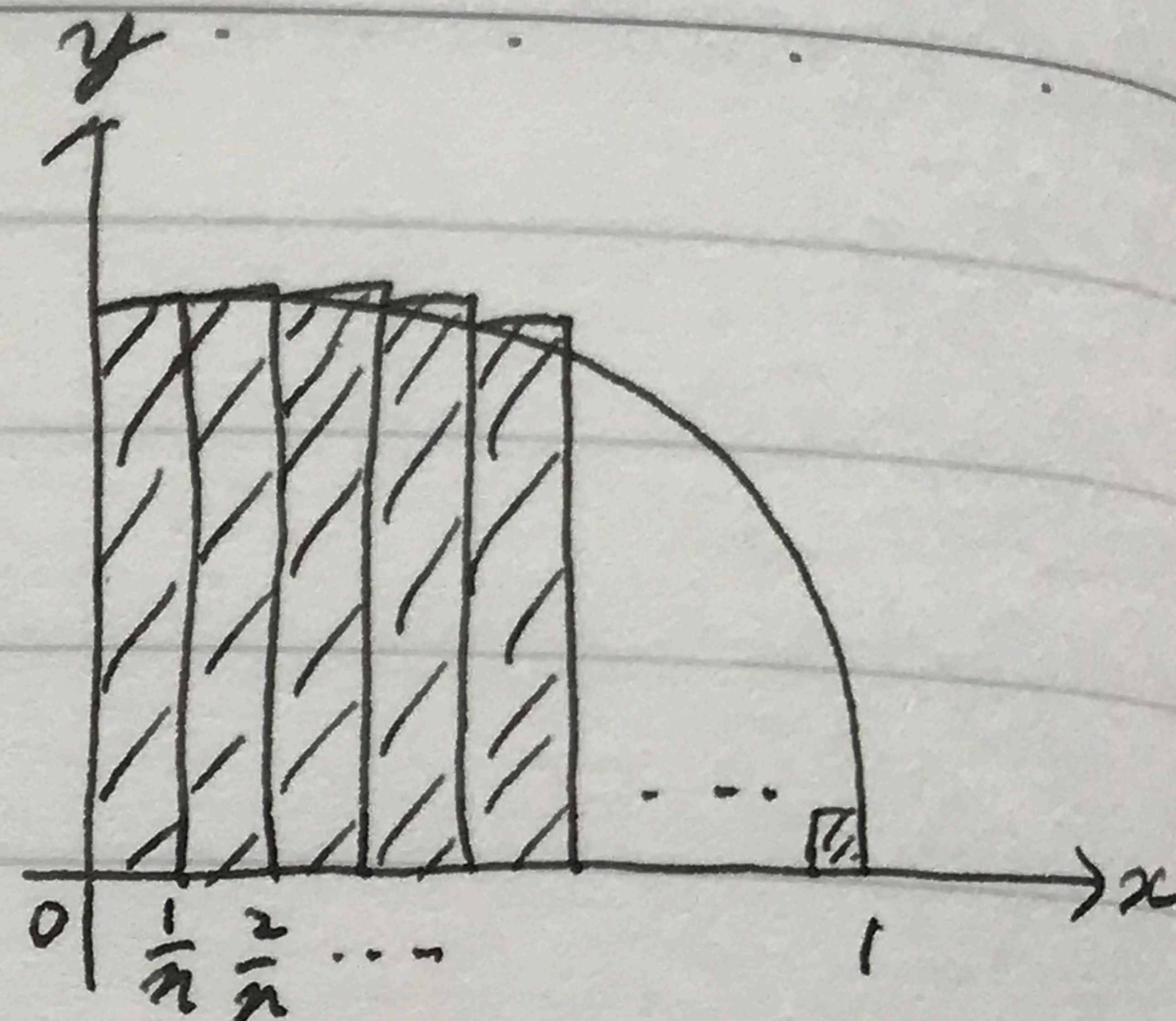
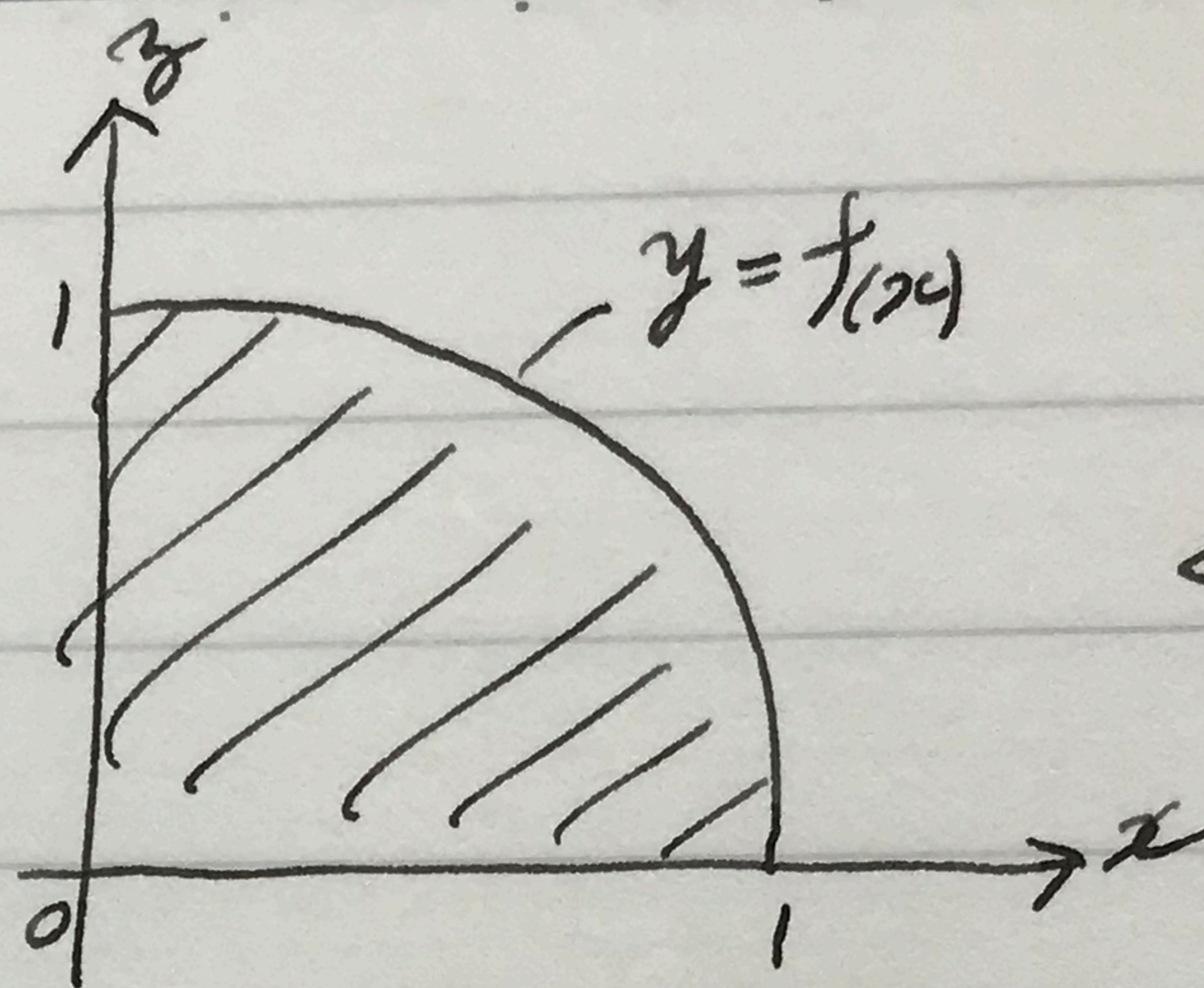
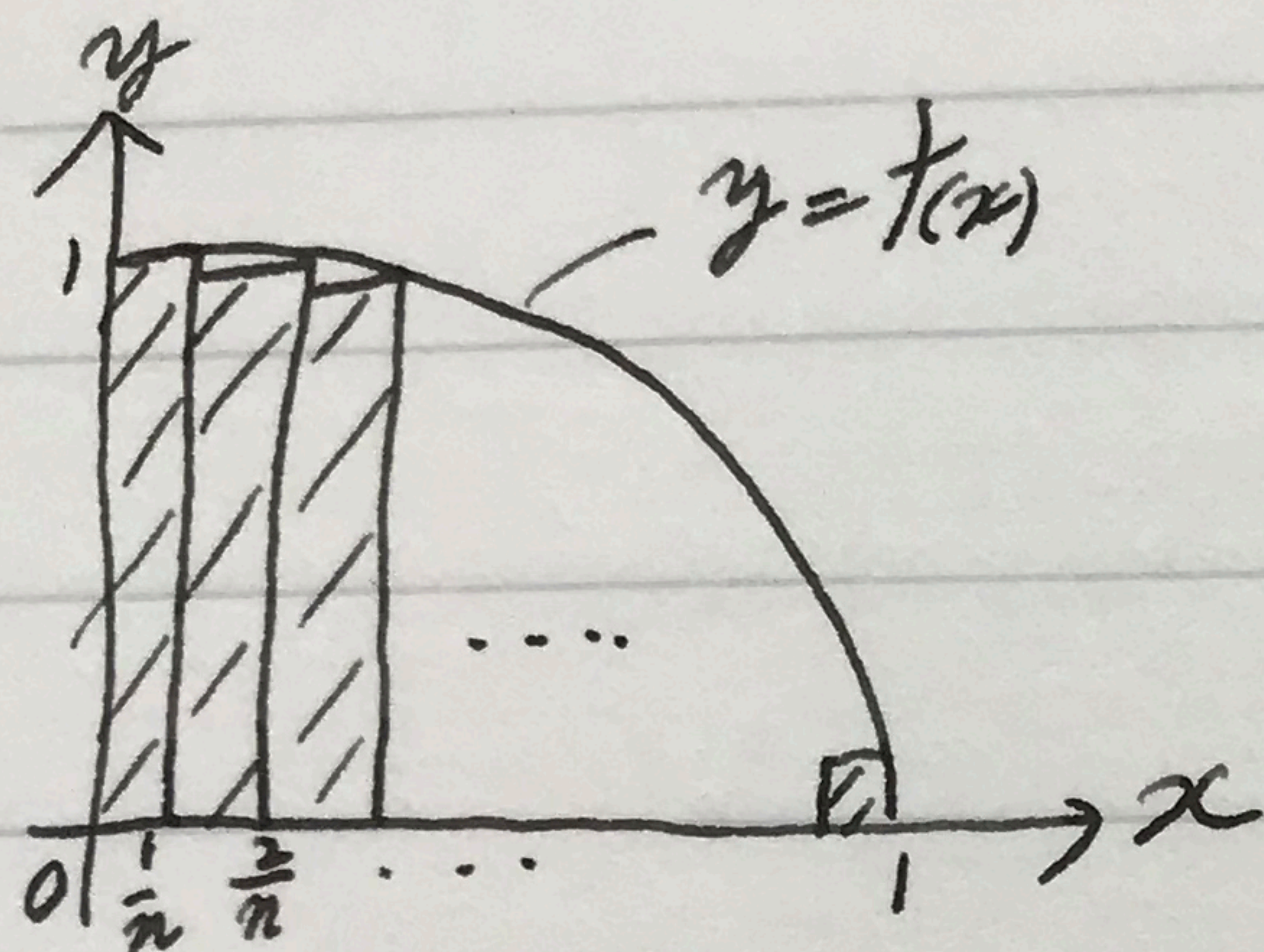


$$\int_0^1 \sqrt{1-x^2} dx = \frac{\pi}{4}$$

$$\sqrt{1-x^2} = f(x)$$

< 眞 <



$$a_n = \sum_{k=1}^n \frac{1}{n} f\left(\frac{k}{n}\right)$$

$$< \frac{\pi}{4}$$

$$< b_n = \sum_{k=0}^{n-1} \frac{1}{n} f\left(\frac{k}{n}\right)$$

$$4a_n < \pi < 4b_n$$