

$$A \times O + O + O + O + O = A \times \sum_{n=0}^{3} \{(x_n)$$

$$\Delta X = \frac{b-a}{v} = \frac{s-1}{u} = 1$$

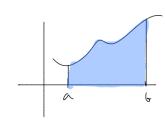
$$X_0 = 1$$

$$X_1 = 2$$

$$X_2 = 3$$

https://www.desmos.com/calculator/fnerrx7c0j

the precise are a under graph of fix) is!



$$A(x) = \sum_{i=0}^{N-1} f(x_i)$$

 $\lim_{N\to\infty} A_n(x) = \int_0^b f(x) dx = \text{ area under curve from a to b.}$ $(as n\to\infty, \Delta x\to dx)$ $(as n\to\infty, \Delta x\to dx)$ $(as n\to\infty, \Delta x\to dx)$