



The graph shows a step function $f(x)$ on the interval $[0, 1]$. The function is defined as follows:

- $f(x) = 0$ for $x \in [0, 1/2)$
- $f(x) = 1$ for $x \in [1/2, 2/3)$
- $f(x) = 0$ for $x \in [2/3, 3/4)$
- $f(x) = 1$ for $x \in [3/4, 5/6)$
- $f(x) = 0$ for $x \in [5/6, 1]$