

11.1 The Average Value Theorem

Average Value of a Function –



Find the average value of the function $f(x) = x^3 - 4x^2 + 3x + 4$ on the interval $[1, 4]$.

Find the average value of $f(x) = \frac{\ln x}{x}$ on the interval $[1, 100]$

Find the average value of $f(x) = \frac{1}{3x}$ over the interval $\left[\frac{1}{2}, 2\right]$