

Mean Value Theorem (MVT)

Suppose f is a function defined on some closed interval $[a, b]$ such that

- (i) f is continuous on $[a, b]$
- (ii) f is differentiable on (a, b)

Then there is a real number c in (a, b) such that $f'(c) = \frac{f(b) - f(a)}{b - a}$

IDEA:

