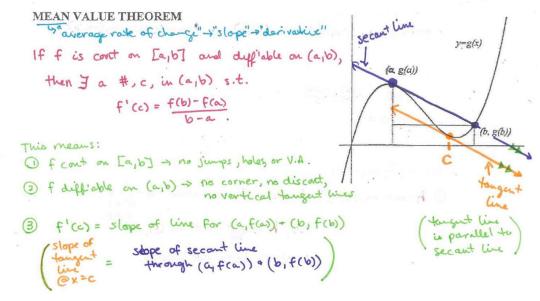
DATE:

Mean Value Theorem for Integrals

Recall MVT...

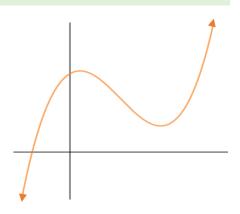


MVT for Integrals

If f is integrable on [a, b],

then \exists some *c* on [a, b] such that

$$\int_{a}^{b} f(x) =$$



Example:

ſĒ

 $f(x) = 1 + x^2$ on [-1,2]. Find the value of c that satisfies the Mean Value Theorem for Integrals.

