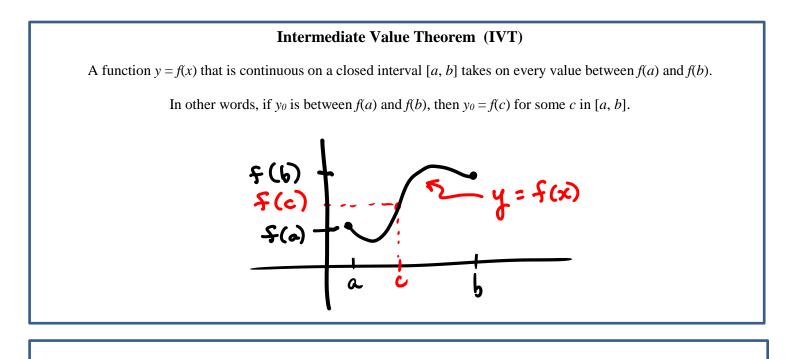
## Intermediate Value Theorem...Extreme Value Theorem...Mean Value Theorem...Oh, My!



## The Extreme Value Theorem (EVT)

If f is continuous on a closed interval [a, b],

then f has both a maximum value and a minimum value on the interval.

## The Mean Value Theorem (MVT) for Derivatives

If y = f(x) is continuous at every point of the closed interval [a, b] and differentiable at every point of its (a, b), then there is at least one point c in (a, b) at which

