

Theorems

Let $f(x)$ be continuous on $[a, b]$ and differentiable on (a, b) , then ...

Mean Value Theorem - $f'(c) = \frac{f(b) - f(a)}{b - a}$

Extreme Value Theorem - $f(x)$ has both a min and max on the interval OR at the endpoints.

Intermediate Value Theorem - K is a number between $f(b)$ and $f(a)$, then there is a c such that $f(c) = K$

Rolle's Theorem - If $f(b) = f(a)$, then there is at least one number c in (a, b) such that $f'(c) = 0$

FRO Reference for 5A

2017 5a11

2016 1a 2a11

2015 3a

2014 1b

2013 1a 2a11 3a

2012 1a 6a11

2011 1a11 2a

2010 2a

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