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Definition 5. Critical Number X=C A number x = c in the domain of a continuous function f is called a critical number of f if either f'(c)=0(1)or (2) f'(c) does not exist critical points: (c, fl

Theorem 3. Rolle's Theorem Let f be a function that is continuous on the closed, bounded interval [a, b], differentiable on the open interval (a, b), and suppose that f(a) = f(b). Then there is at least one point $c \in (a, b)$ where f'(c) = 0.

Theorem 4. The Mean Value Theorem Let the function f be <u>continuous</u> on the closed and bounded interval [a, b] and <u>differentiable</u> on the open interval (a, b). Then there exists at least one point $c \in (a, b)$ such that f(b) = f(a)

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





Read it here to get tips for keeping your class running smoothly, plus see what's new in WebAssign for Fall.

ClassView

MA 141, section 005 (Show All Sections)

Class Tools Instructor: John Griggs	Assignments	Resources						
Term: Spring 2019 Access:	Reschedule Assignments							
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