

What is the relationship between Rolle's Theorem and the MVT?

Rolle's Theorem is a specific case of the MVT where f'(x) = 0.

For the exercises below, determine whether Rolle's theorem can be applied to the function in the indicated interval. If Rolle's Theorem can be applied, find all values of xthat satisfy Rolle's Theorem.

1.
$$f(x) = x^2 - 4x$$
 on $[0,4]$

2.
$$f(x) = x^2 - 11x + 30$$
 on [5,6]

TS
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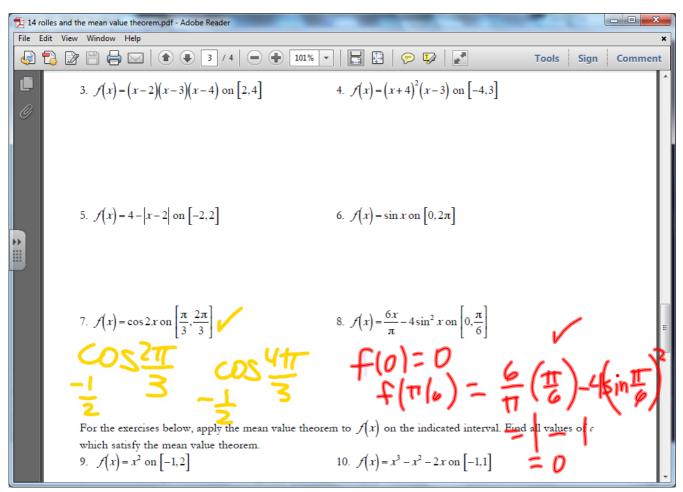
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Do EVENS 2-18