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Mean Value Theorem for Derivatives
Practice Problem

Determine all the number(s) which satisfy the conclusion of Mean Value Theorem for $f(x) = -4x^2 + 3 - 2$ on the interval [-3,4]

First, is this function continuous and differentiable on this interval? Why?

Next, find the value(s) for which the mean value theorem is true.
Remember: $f'(x) = \frac{f(b)-f(a)}{b-a}$

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