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Introduction To The Calculus Of

Sam: "That was before I used Calculus!" Yes, indeed, that was Calculus. The word Calculus comes from Latin meaning "small stone".
· Differential Calculus cuts something into small pieces to find how it changes.
· Integral Calculus joins (integrates) the small pieces together to find how much there is.

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The history of the calculus of variations is tightly interwoven with the history of mathematics, [9]. The field has drawn the attention of a remarkable range of mathematical luminaries, beginning with Newton and Leibniz, then initiated as a subject in its own right by the Bernoulli brothers Jakob and Johann. The first major developments appeared in

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