



Wilson's School Maths Circle

Quest for the Quintic or Galois Theory

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There's a quadratic formula for solving quadratic equations and a cubic formula for solving cubic equations. There's even a quartic formula for solving degree-four polynomials! But there's no such thing as a quintic formula. This was proved by Évariste Galois in the early 19th century, and I'll give you an introduction to the field that is now named after him.