

# Download Fundamental College Algebra

College Algebra Version b?c Corrected Edition by Carl Stitz, Ph.D. Je Zeager, Ph.D. Lakeland Community College Lorain County Community College July 4, 2013The proof of the Fundamental Theorem of Algebra for any degree of polynomial is really tough. For now, let's note that it indeed holds for polynomials of the second degree (i.e. quadratics).Math explained in easy language, plus puzzles, games, quizzes, worksheets and a forum. For K-12 kids, teachers and parents. Suppose that a task involves a sequence of  $k$  choices. Let  $n_1$  be the number of ways the first stage or event can occur and  $n_2$  be the number of ways the second stage or event can occur after the first stage has occurred. Continuing in this way, let  $n_k$  be the number of ways the  $k$ th stage or event can occur after the first  $k - 1$  stages or events have occurred.