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Badih N. Ghusayni* (bgou@u1.edu.lb). *A Couple of Results in Analytic Number Theory.*

First, we find a series representation of the zeta function at 3 and outline a strategy to obtain an Euler-type formula. Next, we obtain a product representation of the zeta function which is explicit in the sense that, among its factors, one factor is relevant to the trivial zeros of the zeta function and another to the nontrivial ones. To my pleasant surprise the famous Wallis Formula follows from this representation as an easy corollary. (Received June 20, 2018)