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Mutasim Mim* (mutasim.mim16@stjohns.edu), 300 Howard Ave., New York, NY 10301. *On a generalization of Wilson's Theorem.* Preliminary report.

Wilson's Theorem says that for every prime number n we have a congruence $(n - 1)! \equiv -1(\text{mod } n)$. We generalize this result for any integer number n . (Received September 10, 2018)