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Counting in number theory. (Å telle opp i tallteorien.)

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The author gives a brief exposition of the most elementary aspects of the divisor problem of Dirichlet. This problem concerns the asymptotic behaviour of the average number of divisors of the integers from 1 to n as n tends to infinity. In 1849 Dirichlet gave a surprisingly good estimate. In this article a weaker version of his result is proved by an argument using the minimum of prerequisites.

Classification: F60

Keywords: number of divisors; number theory