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Andreas Weingartner* (weingartner@suu.edu), Southern Utah University, 351 W Univ. Blvd., Cedar City, UT 84720. *On practical numbers and related topics.*

An integer n is called practical if every $m \leq n$ can be written as a sum of distinct divisors of n . We will outline the ideas behind the proof that the number of practical numbers below x is asymptotic to $cx/\log x$, as conjectured by Margenstern. We will also discuss analogous results concerning the distribution of integer divisors, the degree distribution of polynomial divisors and the cycle structure of permutations. (Received January 31, 2015)