The square numbers

0, 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225, 256, 289, 324, 361, 400, 441, 484, 529, 576, 625, 676, …

$a(n) = n^2$.

The area of an $n \times n$ square.

The first sequence ever computed by an electronic computer, *EDSAC*, on May 6th 1949.