

## Power digit sum

**Problem 16** (<https://projecteuler.net/problem=16>)

$2^{15} = 32768$  and the sum of its digits is  $3 + 2 + 7 + 6 + 8 = 26$ .

What is the sum of the digits of the number  $2^{1000}$ ?

## Solution

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In [1]: ▶ sum(map(int, str(2 ** 1000)))
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Out[1]: 1366
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