I.6 Fibonacci Series 2

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Problem 1. The multiples of 4 in the first 50 terms of the sequence are 8, 144, 2584, 46368, 832040, 14930352, 267914296, and 4807526976.

Problem 2. Out of the first 10,000 terms in the sequence, 3,334 were even which is about 33.3%.

Problem 3. It seems that the percent of fibonacci numbers that are multiples of m is less than $\frac{1}{m}$.