## Problem I.6

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Multiples of 4 from the first 50 Fibonacci numbers: [8, 144, 2584, 46368, 832040, 14930352, 267914296, 4807526976]

The percentage of the first 100,000 Fibonacci numbers that are even is 33.33%.

In the terms of the sequence 1/3 of the terms can be divided by 2, almost 1/4 of the terms can be divided by 3, 1/6 of the terms can be divided by 4, almost 1/5 of the terms can be divided by 5. Then, 6, 9, 12, 16, 18, and 24 each divide 1/12 of the terms, which is given to the fact that almost 1/4 of the terms are divisible by 3 and 1/3 of the terms are divisible by 2. When testing if the terms are multiples of both 2 and 3, the percentage was 1/12 which coincides with 6, 9, 12, 16, 18, and 24.