

A common mathematical pattern starts as 1, 1, 2, 3, 5, ... The first two terms are both equal to 1 and after that, each number in the sequence is the sum of the two numbers immediately before it. That is, the third term in the sequence is 2 (since that equals $1 + 1$), the fourth term is 3 (since that equals $1 + 2$), and the fifth term must be $2 + 3$, which equals 5. Therefore, the first five terms in the sequence (called the "Fibonacci Sequence") are 1, 1, 2, 3, and 5. What is the 12th term of the sequence?