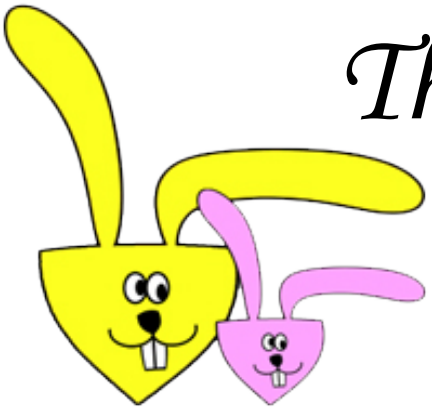
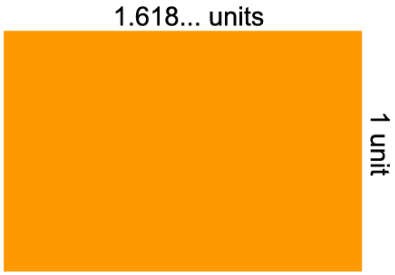


The Golden Ratio



The golden ratio is a special number like π. It is about 1.6 and we also give it a Greek letter – φ (phi pronounced "fee")

It is the relationship of the sides of a super awesome rectangle called the "Golden Rectangle." See that picture above.

What's this got to do with Fibonacci?

Turns out, as the sequence of Fibonacci numbers get bigger and bigger, each two numbers divide and become something awfully close to φ!

Fibonacci Numbers	Each number divided by the previous one
1	
1	1÷1= 1
2	2÷1= 2
3	3÷2= 1.5
5	5÷3= 1.666666667
8	8÷5= 1.6
13	13÷8= 1.625
21	21÷13= 1.615384615
34	34÷21= 1.619047619
55	55÷34= 1.617647059
89	89÷55= 1.618181818
144	144÷89= 1.617977528
233	233÷144= 1.618055556
377	377÷233= 1.618025751
610	610÷377= 1.618037135
987	987÷610= 1.618032787