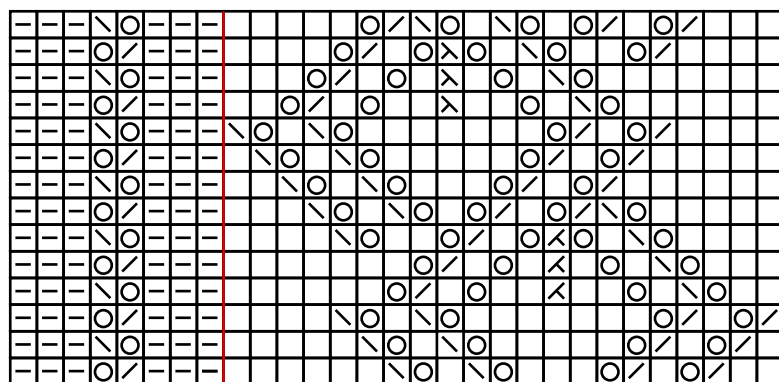


Lace and Fibonacci Numbers

Kristmen's Design Studio
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This pattern incorporates numbers from the Fibonacci numbers sequence., a sequence common in nature. The sequence goes 0,1,1,2,3,5,8,13,21,34 and so on. The easiest way to figure the sequence as far as I can tell is that the next number in the squence is made by adding the two preceding numbers. (1 + 0 is 1, 1 + 1 = 2, 2 + 1 = 3, 3 + 2 = 5, 5 + 3 = 8 and so on). The numbers used from the sequence are 2, 3, 8, & 21. Section "A" has an 8 stitch repeat that when broken down has 3 purl stitches, 2 lace stitches, and three purl stitches. Section "B" has 21 stitches. When placed together in vertical panels it forms a pleasing balance due to the use of these numbers that are naturally occurring. The Fibonacci numbers are tied as well to the golden mean or number, which is another topic initseff. In a nutshell, it is very close to 1.6 (1.6180339887494...). 21 divided by the golden mean is 13 (okay, I rounded up). 21-13 = 8. that is why I chose "A" to have the number of purl stitches that it has. Not only do the stitch pattern repeats represent numbers from a naturally occurring sequence, they also represent what in nature is a perfect balance. Wonder where you have seen them before? Sunflowers and pine cones are but two examples. What does this mean to the knitter? The next time you are trying to figure where to start and end, Use numbers from the sequence and or divide by 1.6 to find a naturally pleasing division.










A

B

Purl all wrong side rows.
Right side only graphed.

pattern has 8 st repeat
for "A" and 21 sts for "B".
28 row repeat.

Vandyke Leaf Lace

-  ssk
-  sssk (slip three stitches as if to knit, knit together as ssk)
-  k2tog
-  k3tog
-  yo
-  p
-  k