

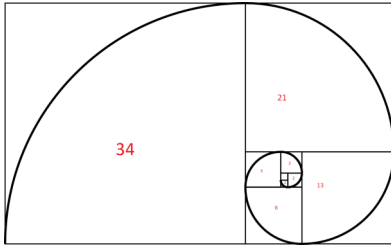
Fibonacci Squared

What do the Pyramids of Giza and Da Vinci's Mona Lisa have in common with Twitter and Pepsi? Quick answer: They are all designed using the "Golden Ratio."

The Golden Ratio is a mathematical ratio. It is commonly found in nature, and when used in a design, it fosters organic and natural-looking compositions that are aesthetically pleasing to the eye.

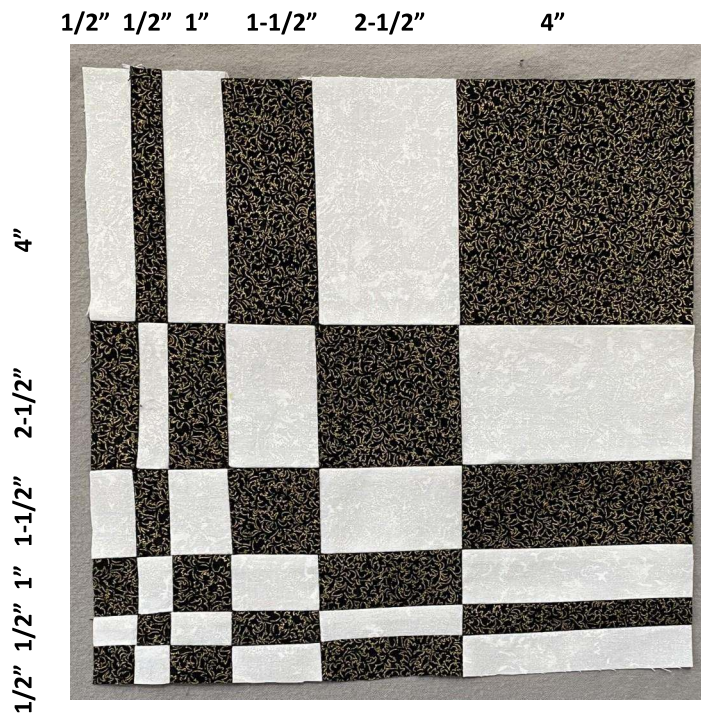
In mathematics, The Golden Ratio is expressed by the Fibonacci sequence in which each number is the sum of the two preceding ones.

The better known example of the Fibonacci sequence is expressed as a spiral, and is frequently found in nature.



The sequence can also be used in designing a quilt block that is not a spiral.

Starting in the lower left corner, and going to both the right and up, the **finished** grid measurements for this block are 1/2", 1/2", 1", 1-1/2", 2-1/2", and 4".



I made this block in black and white, but it could be any color combination you like as long as there is high contrast. The light and dark could be reversed, although I don't know if it would read as well.

I think I'll experiment with the 4" square and see what happens if I make it into it's own quilt block, or maybe a half square triangle.

The pattern follows on page 2. Have fun!

Jim

Directions for Fibonacci Squared:

Dark Fabric: (Figure 1)

A - 1 ea. 4-1/2" square

B - 1 ea. 3" square

C - 1 ea. 2" square

D - 1 ea. 1-1/2" square

E - 2 ea. 4-1/2" x 2"

F - 2 ea. 2" x 1-1/2"

G - 1 strip 1" x W.O.F. (width of fabric)

Light Fabric:

H - 2 ea. 3" x 4-1/2"

I - 2 ea. 1-1/2" x 4-1/2"

J - 2 ea. 3" x 2"

K - 2 ea. 1-1/2" x 2"

L - 1 strip 1" x W.O.F.

In all piecing, press to dark when possible.

Sewing Directions:

Sew L and G together.

Cut sewn strips as follows: (Figure 2)

2 ea. 1"; 2 ea. 1-1/2"; 2 ea. 2"; 2 ea. 3"; 2 ea. 4-1/2"

Layout as shown in Figure 3.

Sew into rows, sew rows together.

Possible layouts with 4 blocks:

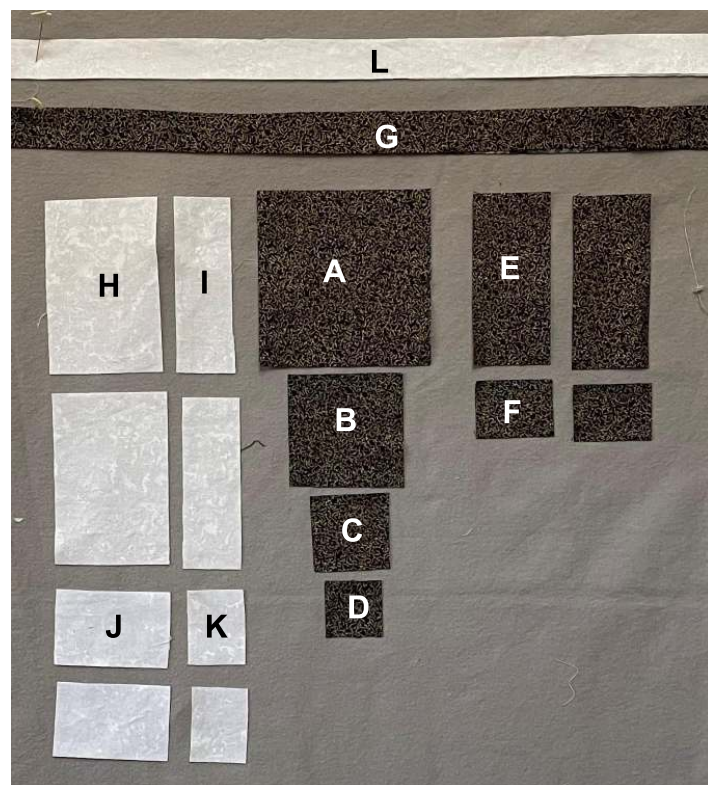
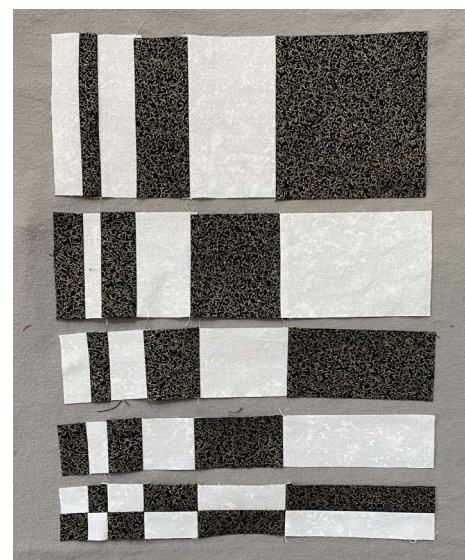
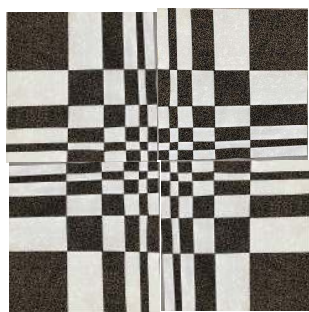


Figure 1

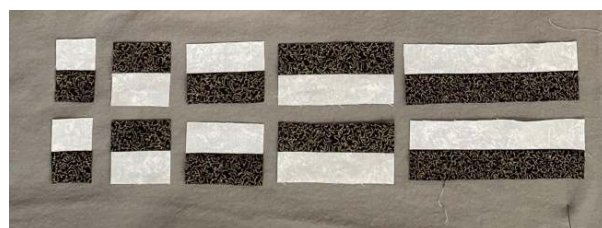


Figure 2

Figure 3