Fibonacci Numbers

Start with 0 and 1.
0 + 1 = 1

Add **last 2** numbers.
1 + 1 = 2

And again...
1 + 2 = 3

Keep going!
2 + 3 = 5

How far can you go?
3 + 5 = 8

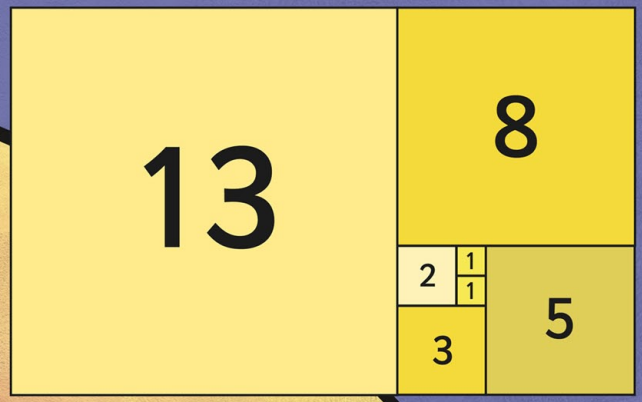
5 + 8 = 13

8 + 13 = 21

21 + 13 = 34

0, 1, 1, 2, 3, 5, 8, 13, 21, 34

This is the Fibonacci series. It can also be shown as a pattern of joining squares:



Challenge:
What happens when you add three consecutive numbers from the sequence instead of two?
Draw the pattern on squared paper.