

Continue: explore further: squares

square types

Descriptions

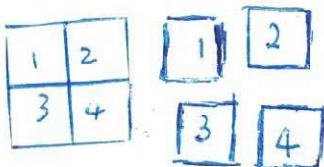
No. of squares

1 square



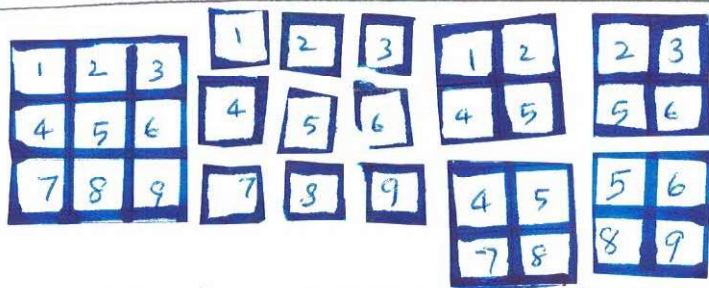
1

2x2 square



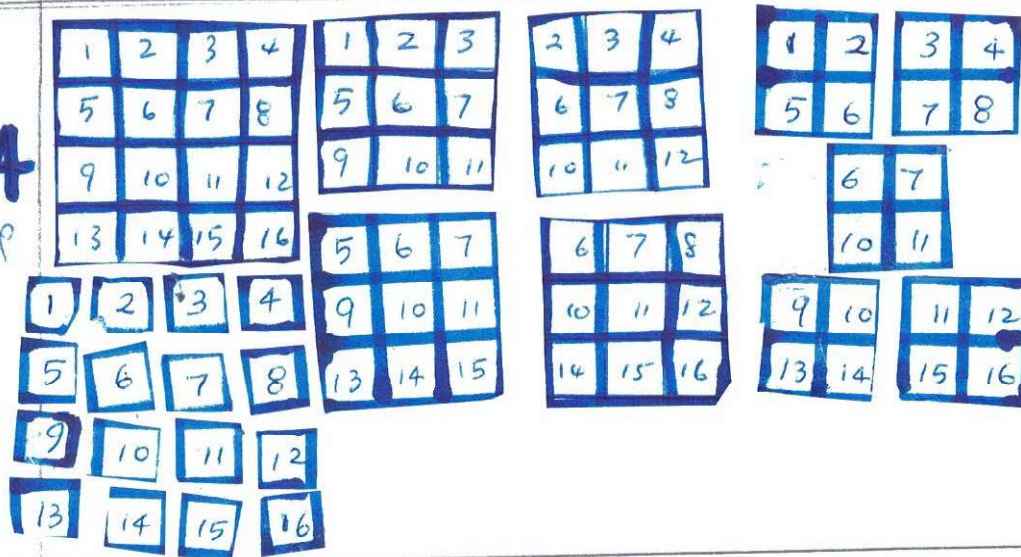
1+4

3x3 square



1+4+9

4x4 square



1+4+9+16

5x5 square

I predict 5x5 square has $1+4+9+16+5^2$ squares

n x n square

There are $1+2^2+3^2+4^2+5^2+\dots+n^2$ squares