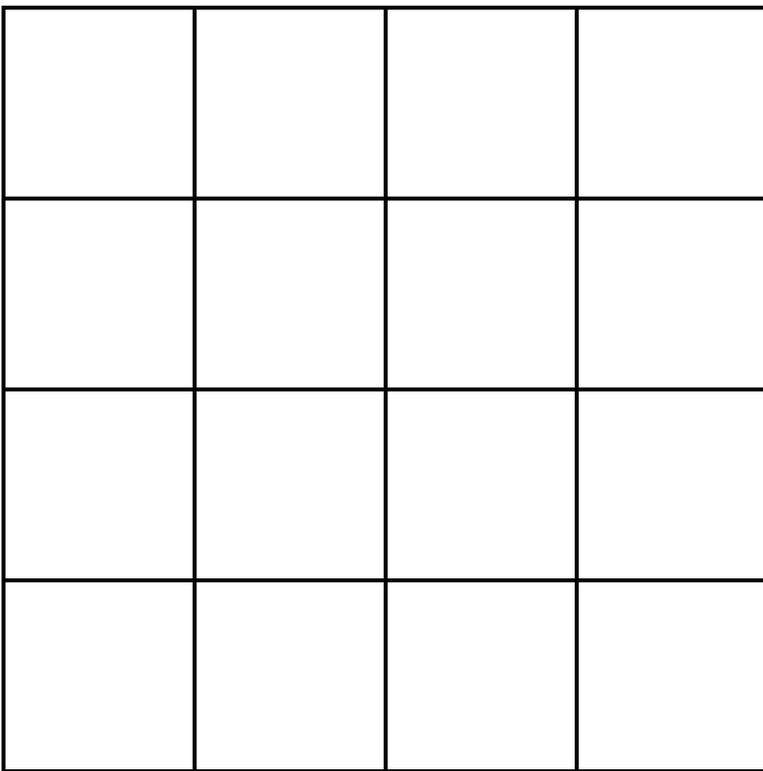




Understanding principles of “The Law” becomes a function of interpreting the meaning of the words – *a better understanding of what you see in addition to what you don’t see* – essentially it’s not what you see, it’s what’s meant by what you don’t see ... let’s try an example:

How many total squares can you see?

(clues: line segments are equal, and each angle is 90 °)



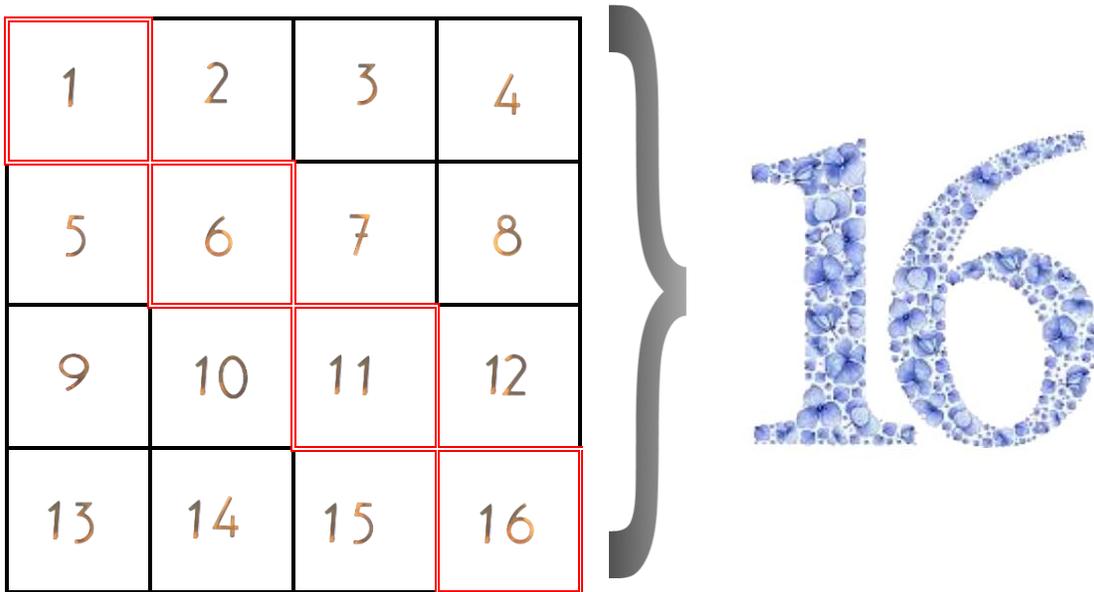
and ... **16**

wouldn't be the correct answer ...

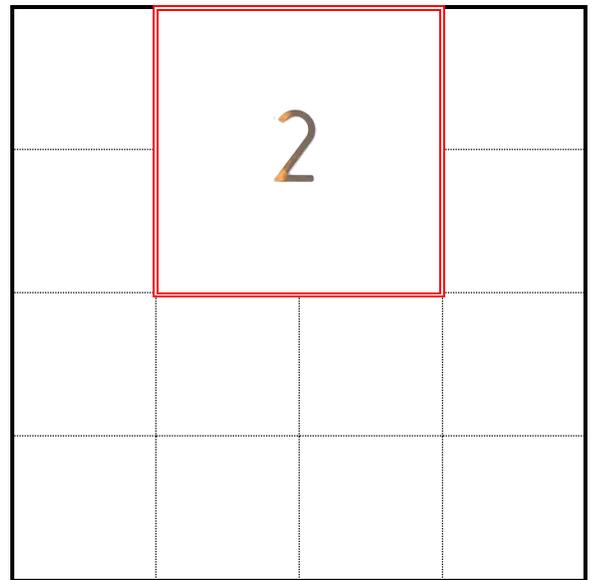
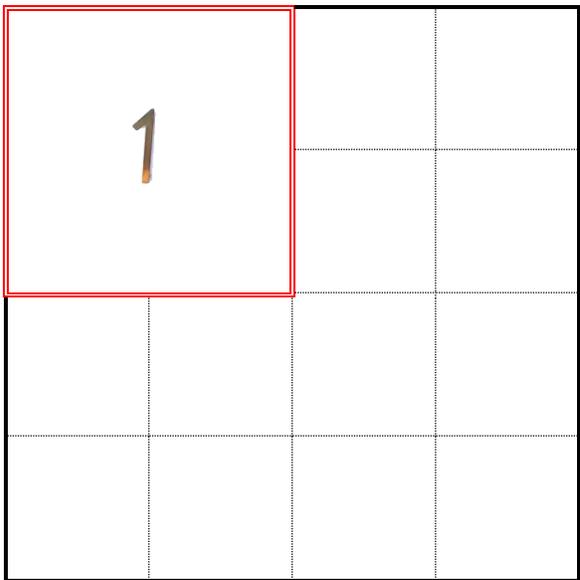
let's count the correct number of squares ...

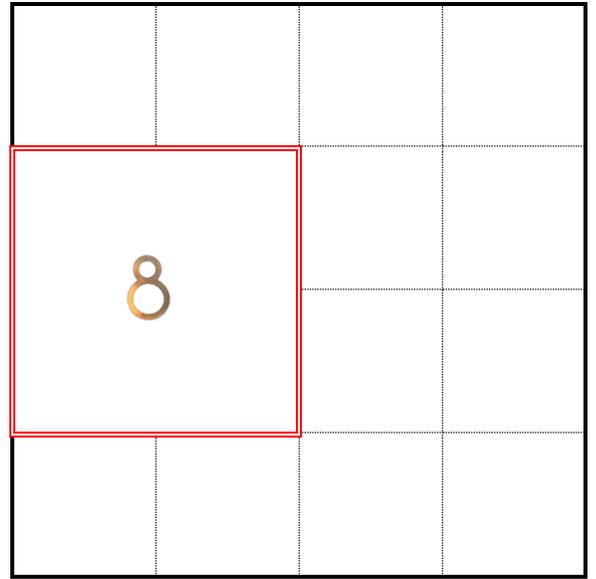
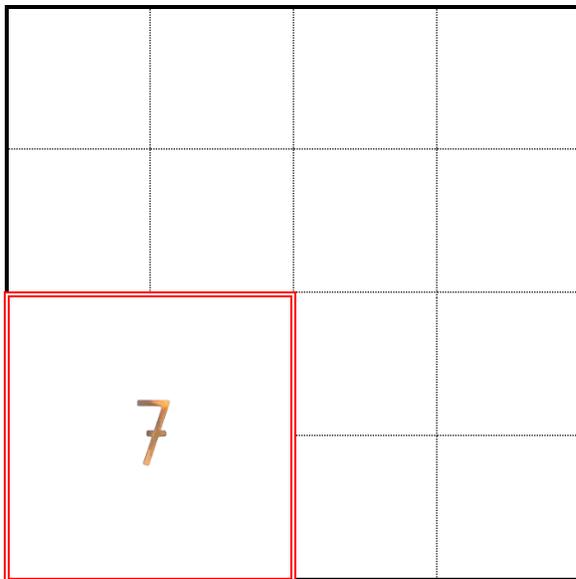
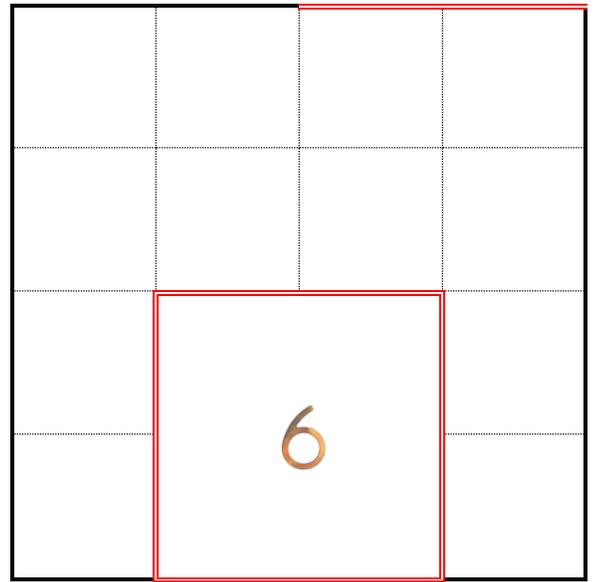
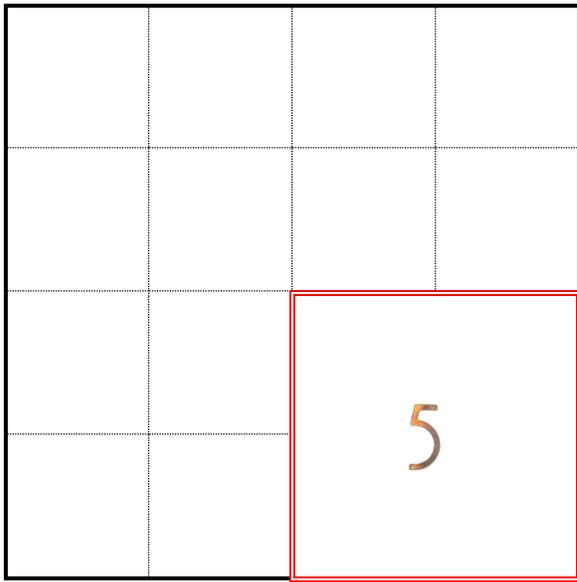
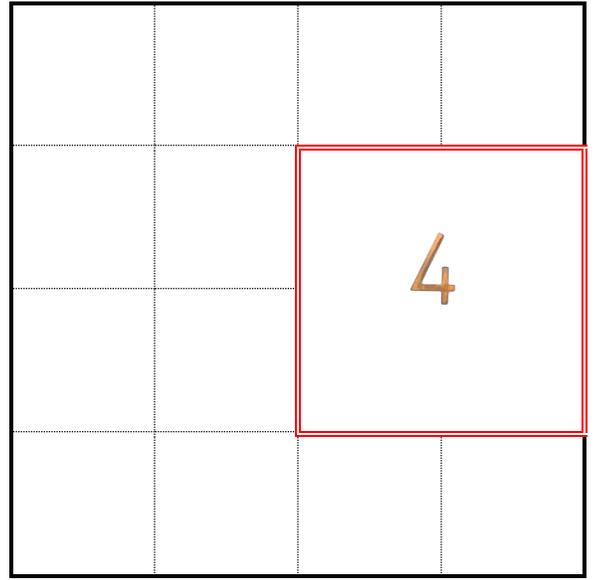
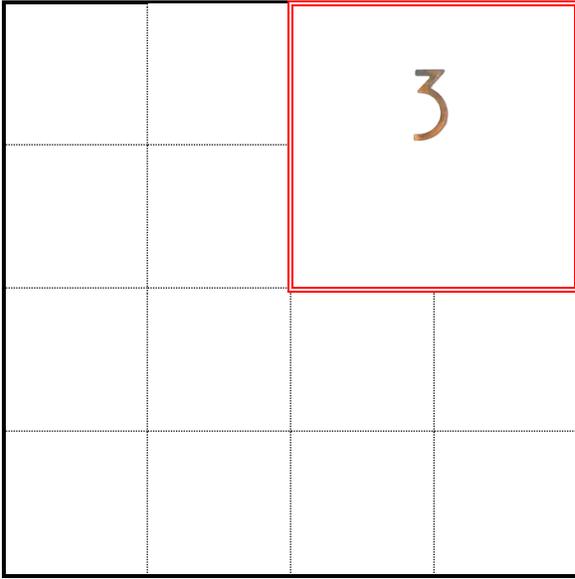
Throw away the complicated mathematical calculations and fancy algorithms for the time being ... let's focus on some simple elementary concepts ... **NUMBER COUNTING: 1 ♦ 2 ♦ 3 ♦ 4 ... SO FAR, SO GOOD ... DIRECTIONS: NORTH ♦ SOUTH ♦ EAST ♦ WEST ... excellent ... we've mastered the difficult parts so far.**

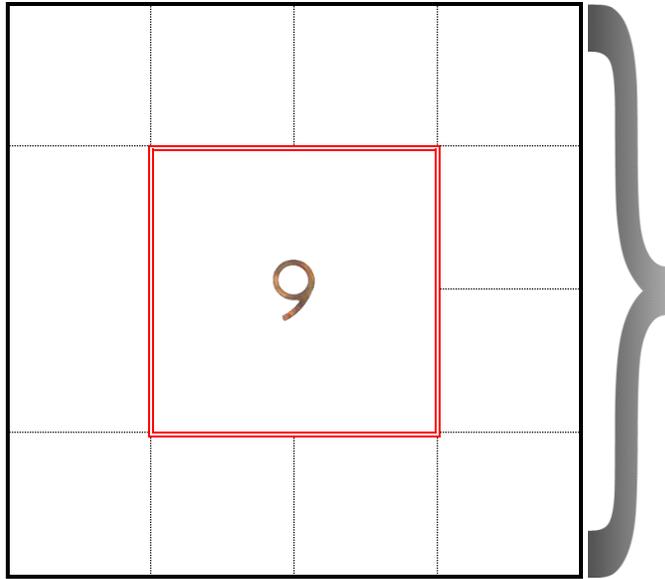
Whew ... the difficult part is behind so let's start from the beginning using the counting function, and begin with the squares having one side:



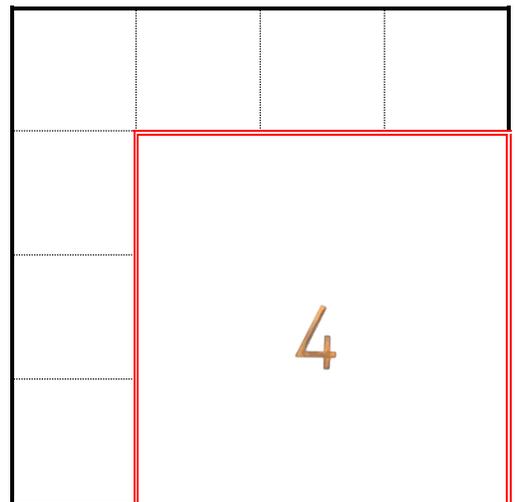
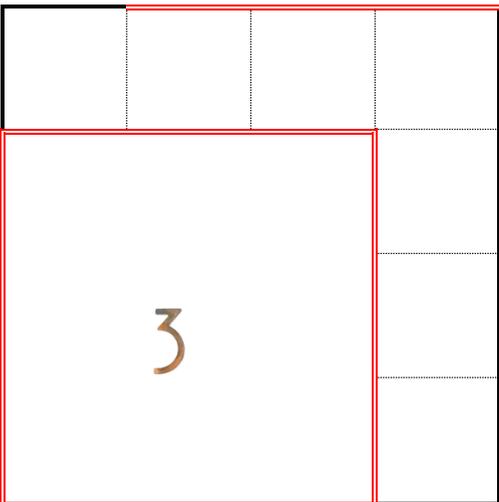
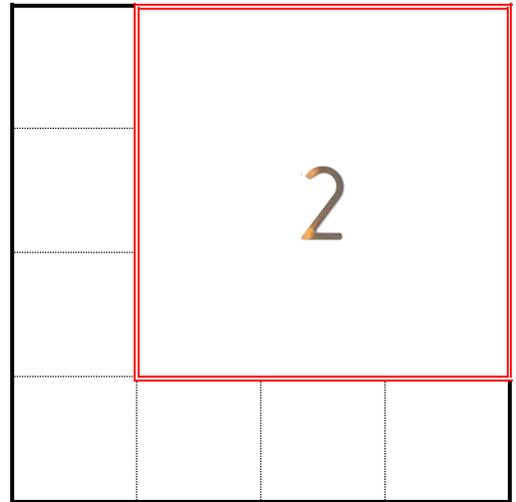
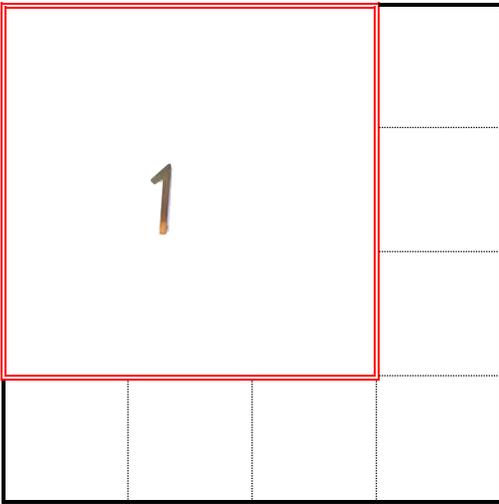
Next, using logical directions, beginning in the northwest, with the first square, then counting the two-sided squares:



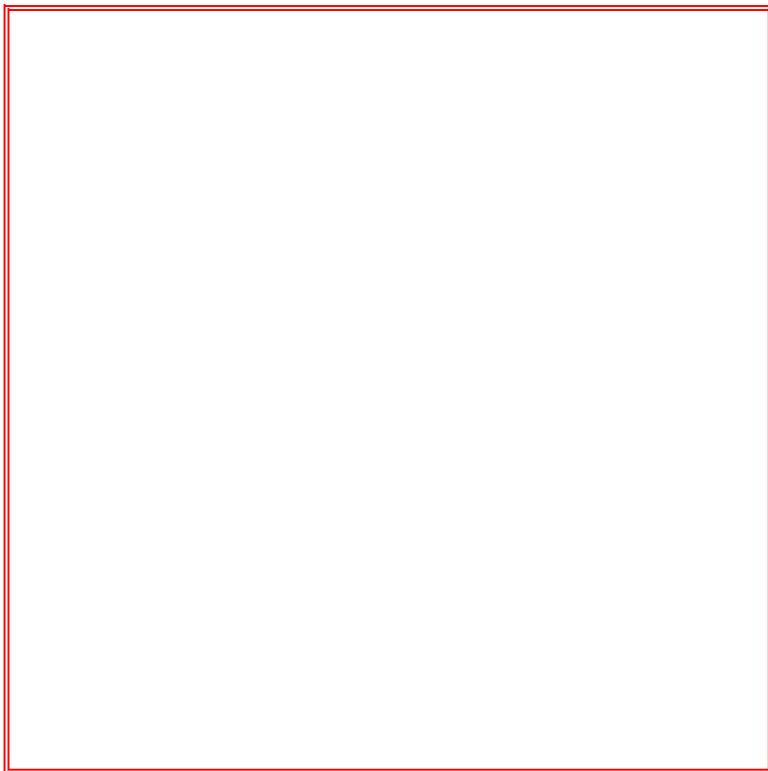




Continuing to use using logical directions, and again beginning in the northwest with the first square, then counting the three-sided squares:



Finally, counting the three-sided squares counting the squares that have four sides:



1

$$16 + 9 + 4 + 1 = 30$$