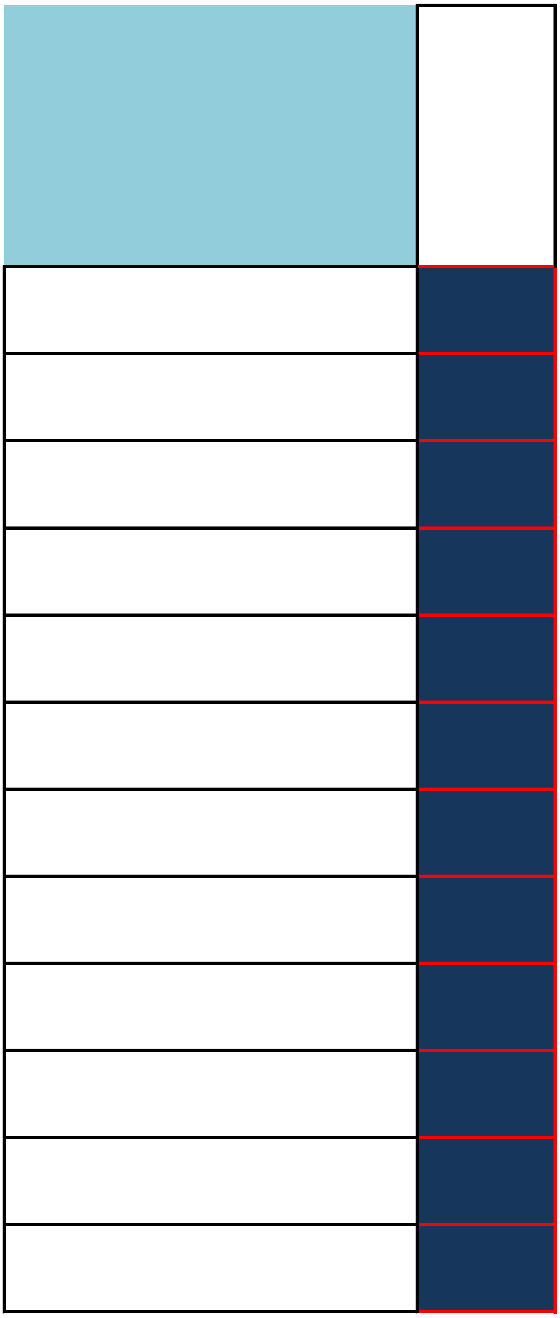
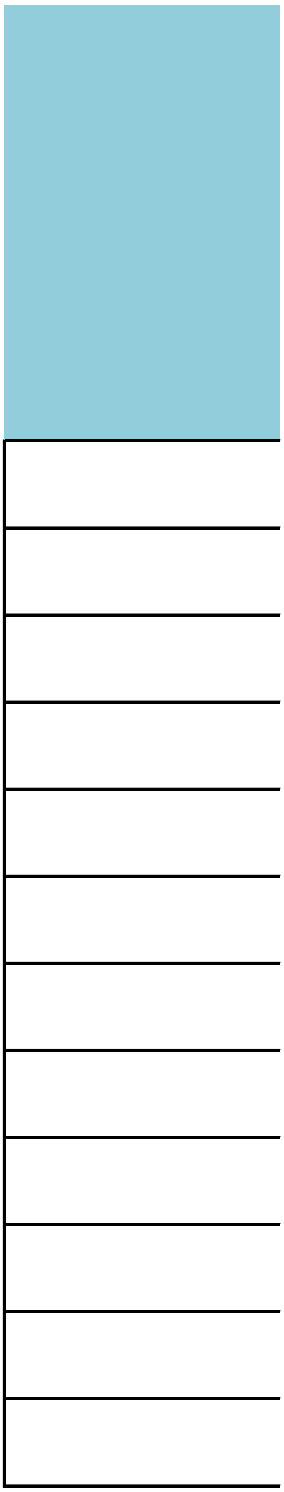
Base 3



Dimension = (x+1)(x+12)



Dimensic

Conclusions:

The rule is that the two numbers in the brackets when multiply must get 12 since

So other possible rectangle dimensions are (x+2)(x+6), (x+3)(x+4).

The total number of possible dimensions that can be made will depend on the pai

Given: 1 square, lots of sticks and 100 units

The dimensions of rectangle can be (x+1)(x+100), (x+2)(x+50), (x+4)(x+25), (x+5)(x

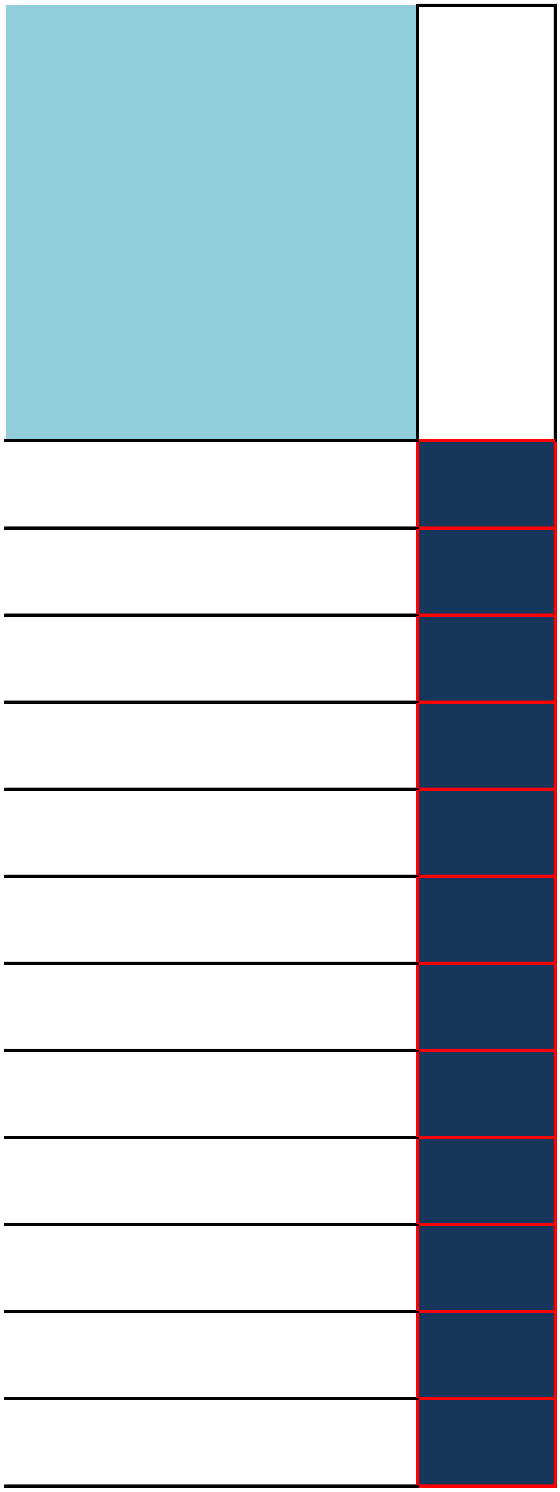
Given: 1 square, p sticks and q units

Now that we have to meet with 2 fixed points p and q.

Therefore the sum of the 2 numbers in the brackets (x + ?)(x + ? ) must equal to p

and the product of the 2 numbers must be equal to q.

Base 5



ɔn = (x+1)(x+12)

Im fixed to have only 12 units.

r of factors that can be formed from the units.

+20) for all bases.