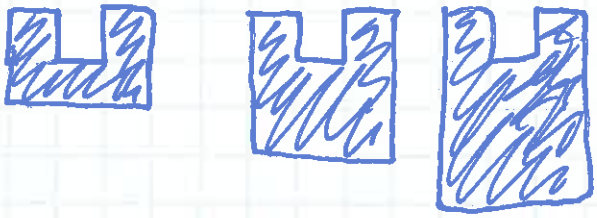
10th one?



n = 1 n = 2 n = 3

Area 5 8 11

go down 11 squares

go 3 across
up 11, left 1, down 1,
Left 1, up 1, left 1

$3n + 2$ ← 2 on top

3 x n rectangle

make a rectangle 3 across,
10 down
on top of your top row
draw first & third sq.
(middle blank)

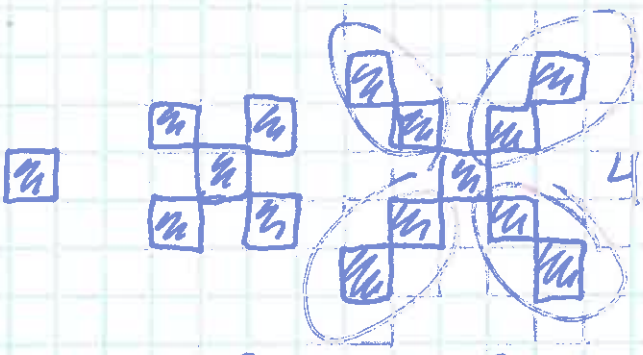
$3(n+1) - 1$

3 x (n+1) rectangle

remove 1.

make a rectangle base 3
height n+1 (10+1=1)
remove second one, top row

next one?



4 groups of n.

	n=1	n=2	n=3	n=4?
Area	1	5	9	

How to draw n=10?

[draw a square in middle
draw (9) squares diagonally
(from each corner
↳ n=1

$4n - 3$ (guess & check)

$(n-1)\times 4 + 1$ ← 1 in the center

↖ 4 diagonals (branches)

↓ each diagonal, not including center