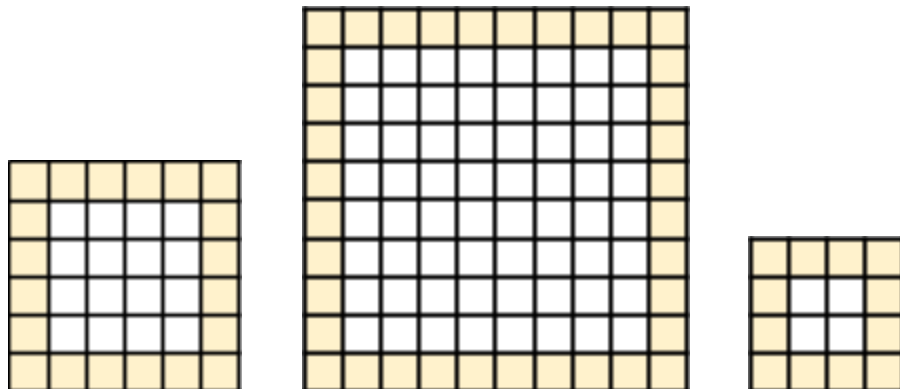


## The Border Problem

In our last class, we calculated the number of squares in the borders of a 6 by 6 grid and a 10 by 10 grid. Use any of our methods for calculating the number of squares in the border to fill in the blanks.



In	Out
3	
4	
5	
6	20
7	
8	
9	
10	36
11	
12	

Whose method did you use to find the number of squares in the border of each grid?

Do you notice anything interesting about this In/Out table?