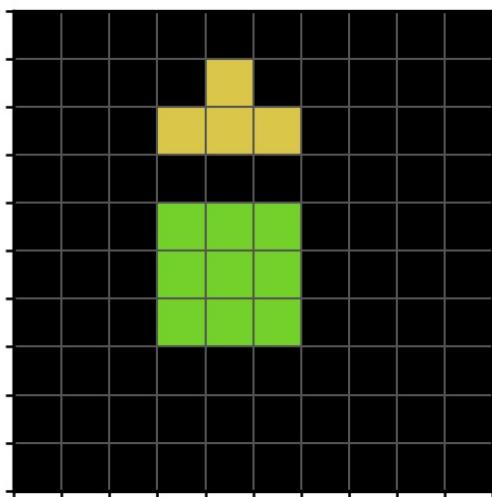
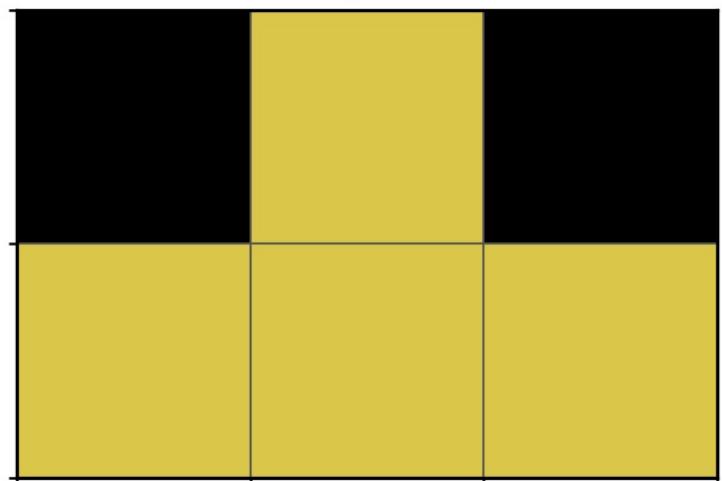


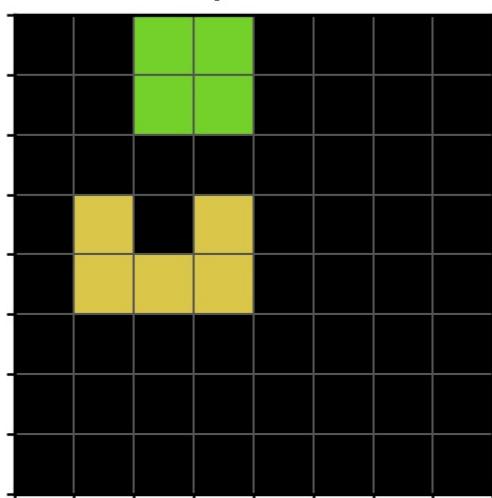
Input 1



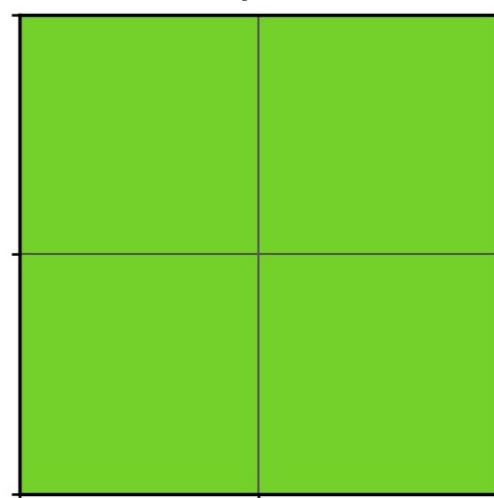
Output 1



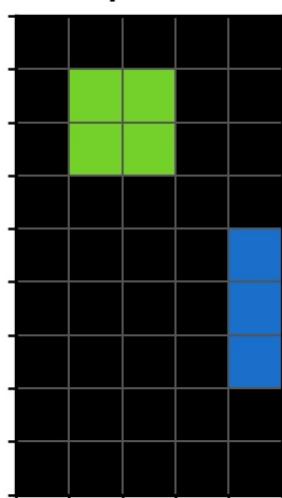
Input 2



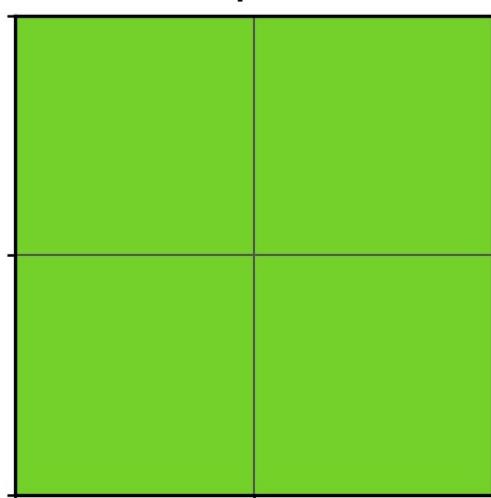
Output 2



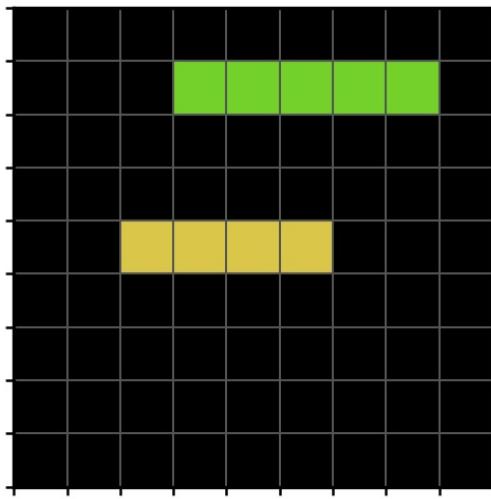
Input 3



Output 3



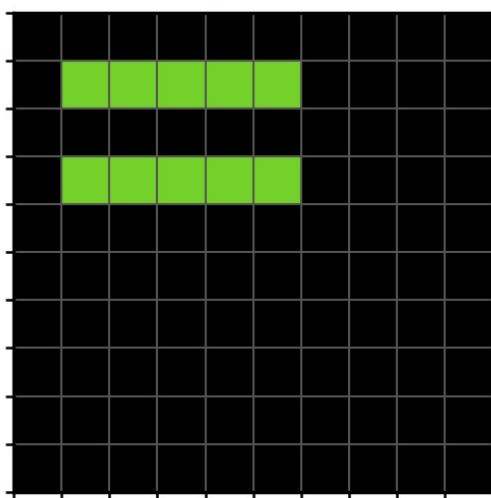
Input 4



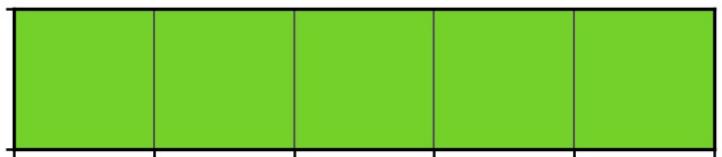
Output 4



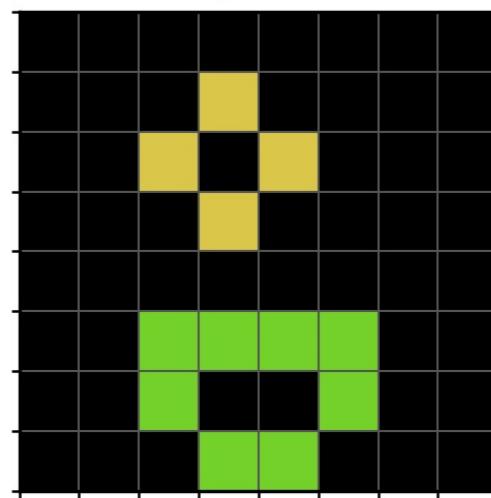
Input 5



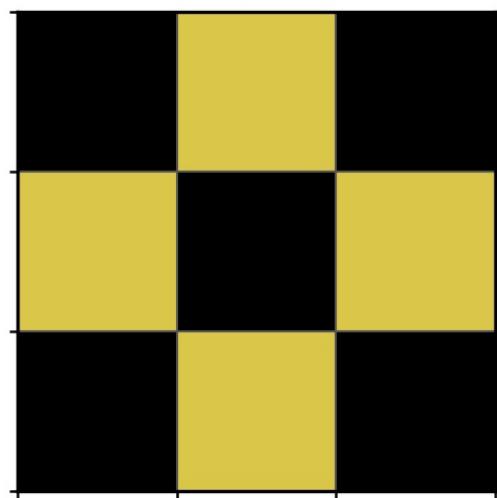
Output 5



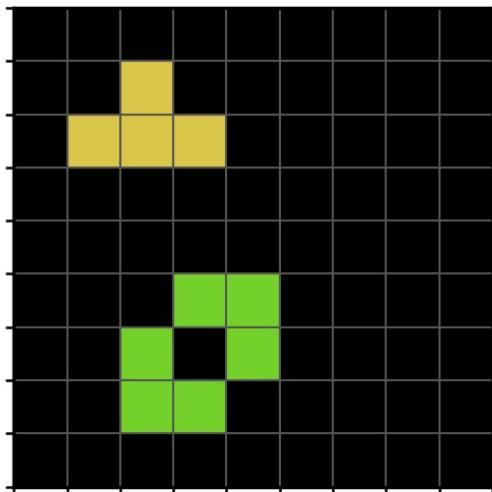
Input 6



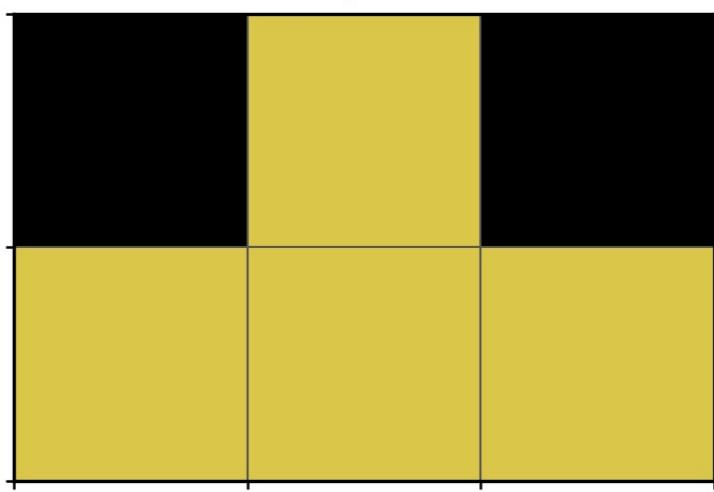
Output 6



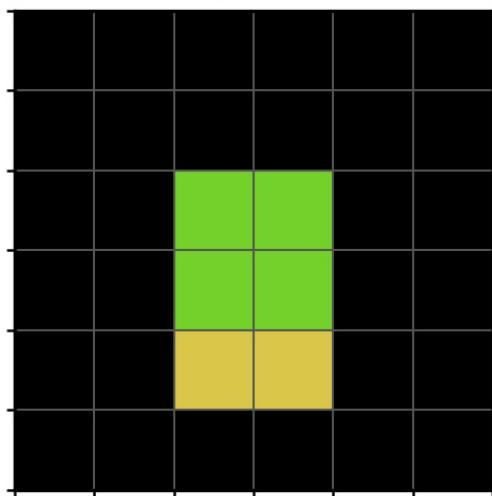
Input 7



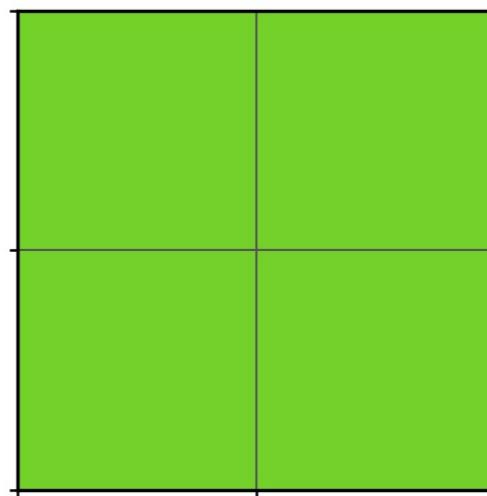
Output 7



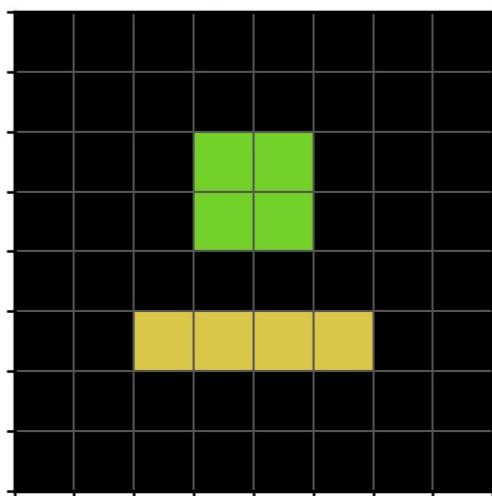
Input 8



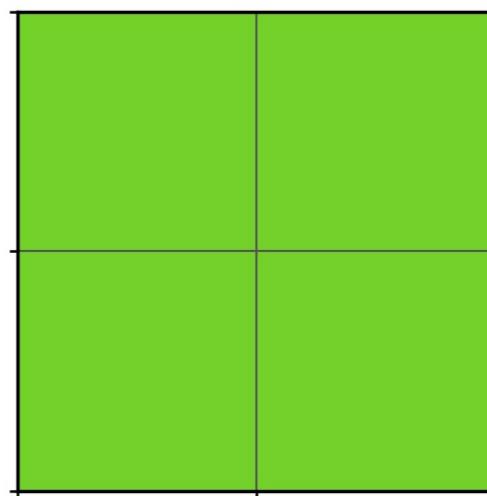
Output 8



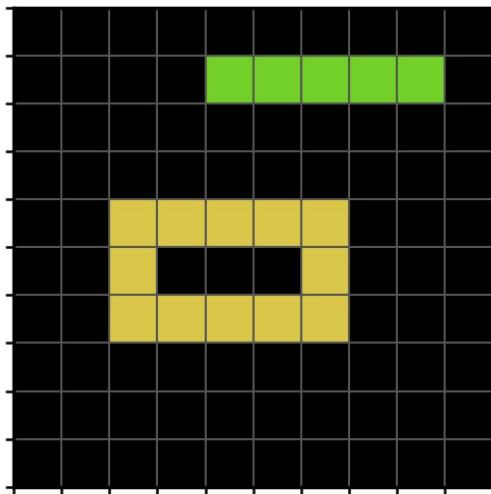
Input 9



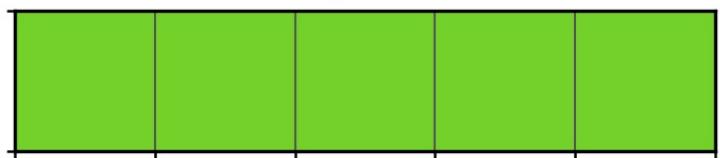
Output 9



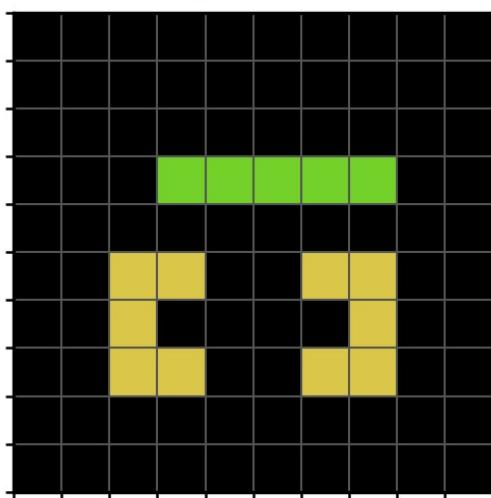
Input 10



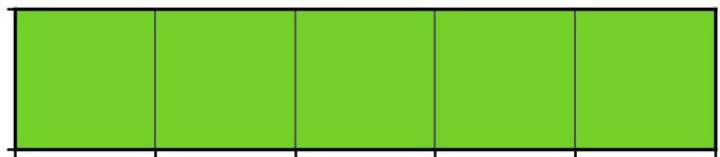
Output 10



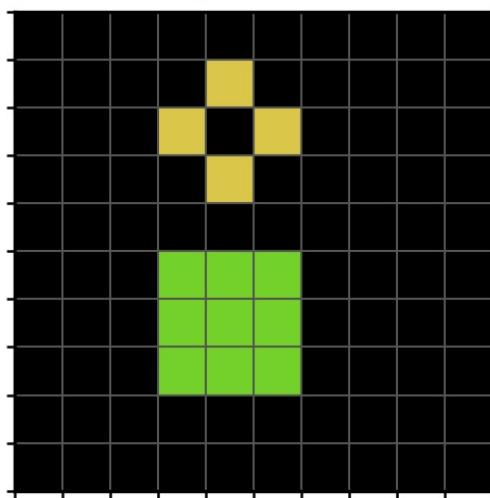
Input 11



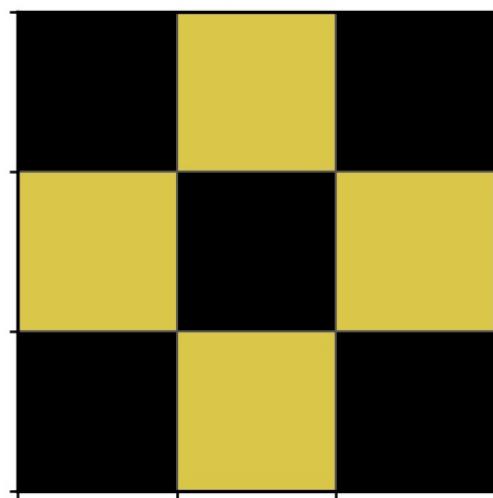
Output 11



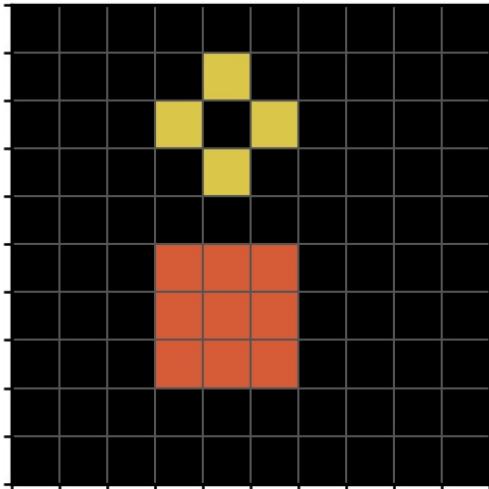
Input 12



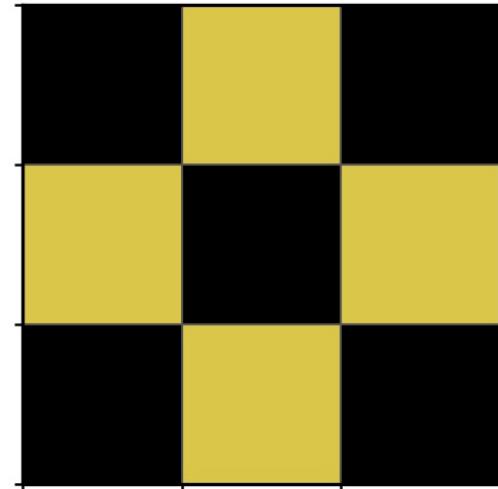
Output 12



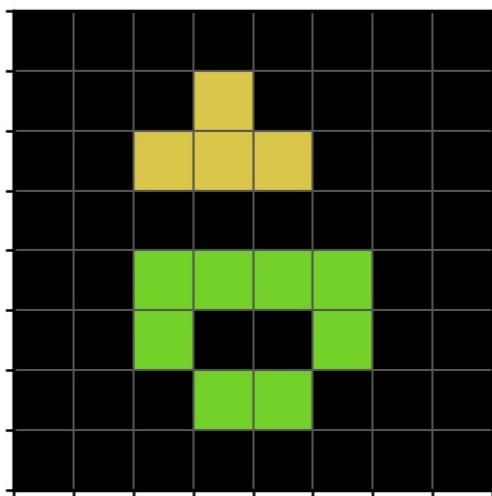
Input 13



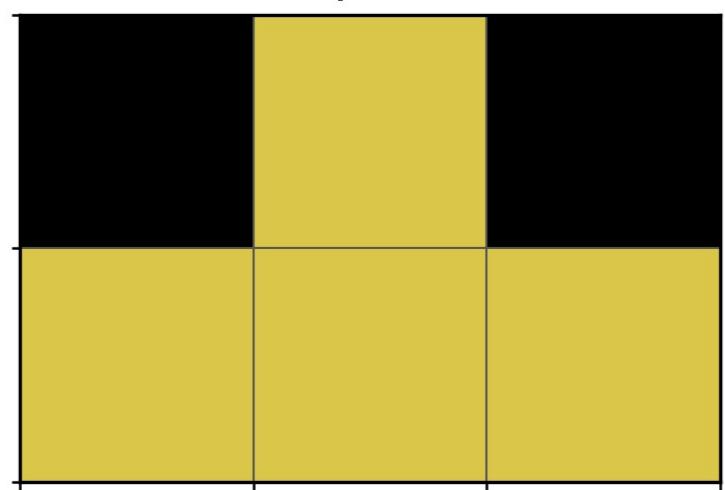
Output 13



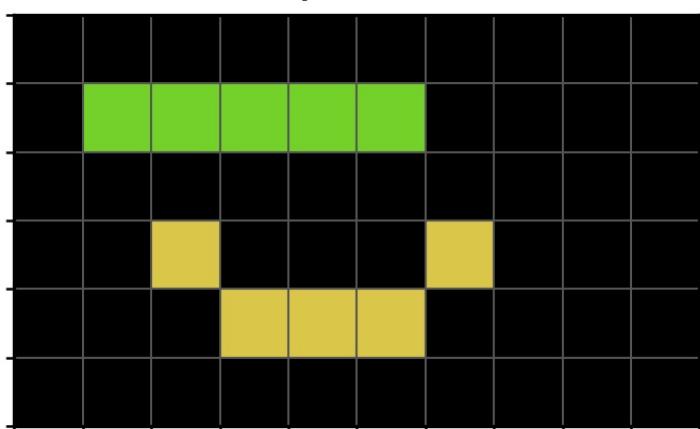
Input 14



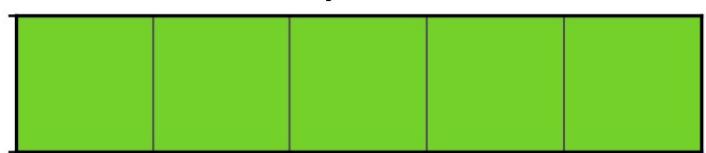
Output 14



Input 15

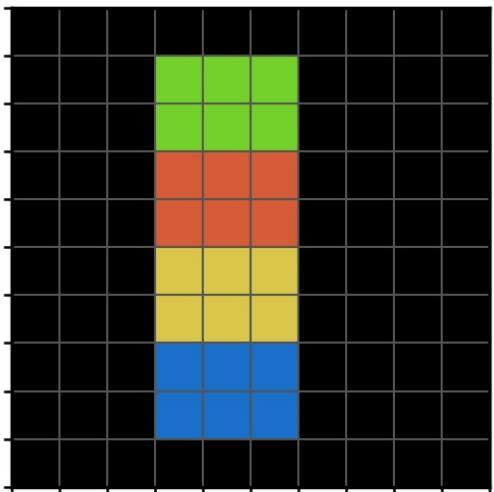


Output 15

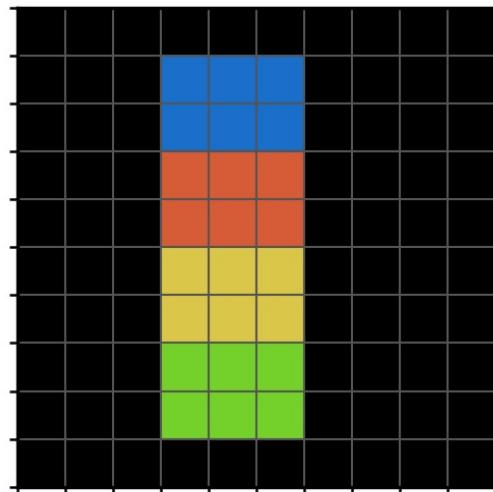


===== file name: TopBottom2D_141_Aug =====

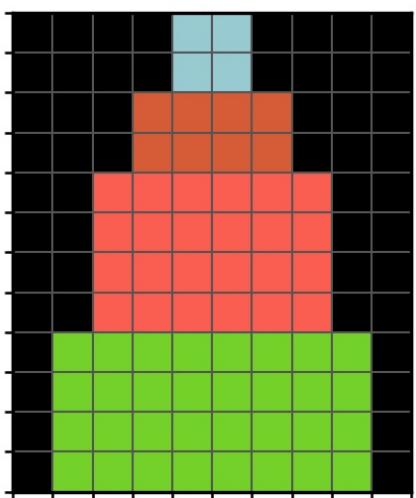
Input 1



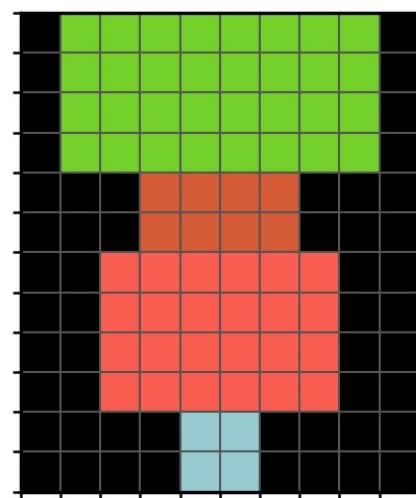
Output 1



Input 2

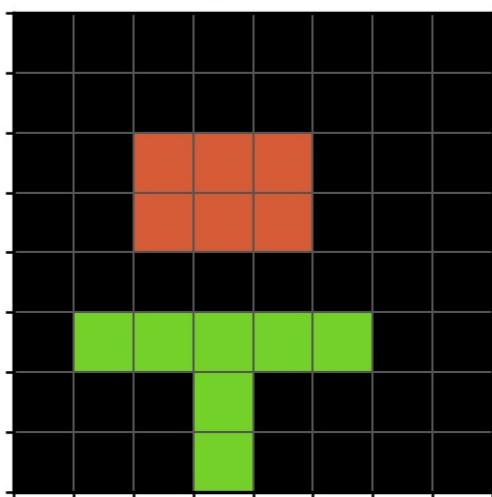


Output 2

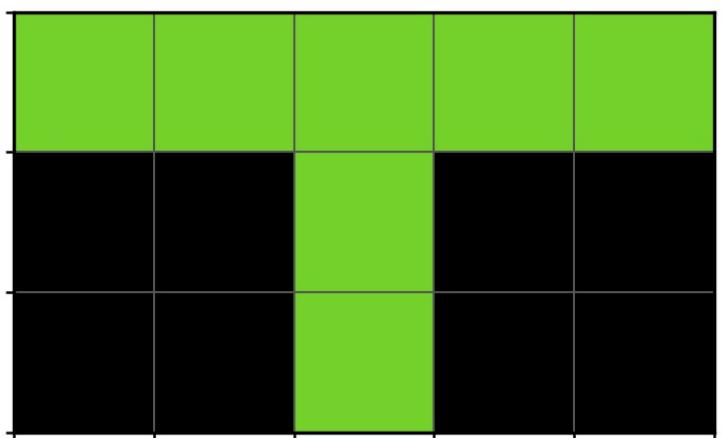


===== file name: TopBottom2D_142_Aug =====

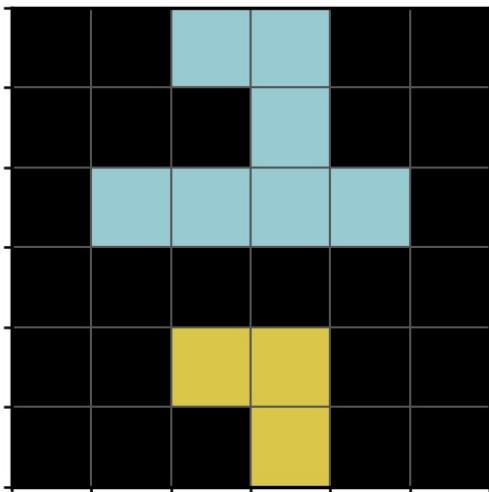
Input 1



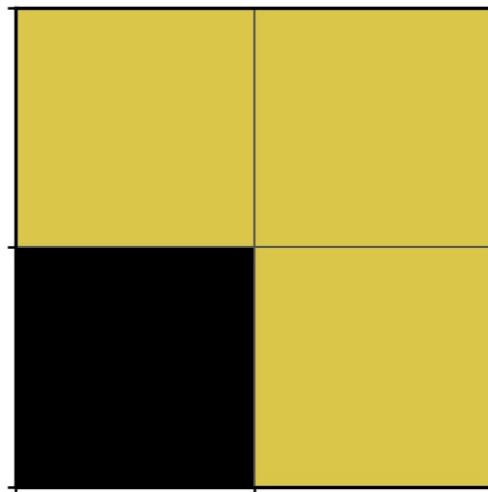
Output 1



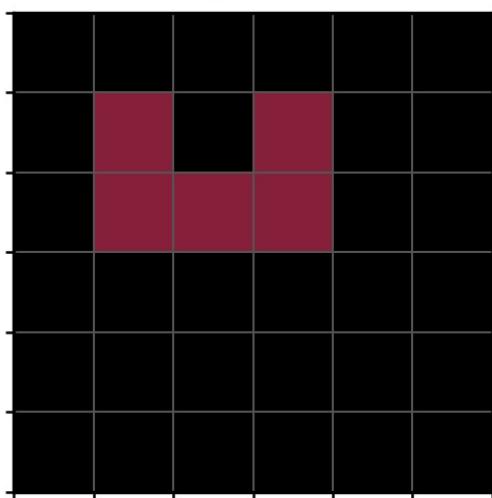
Input 2



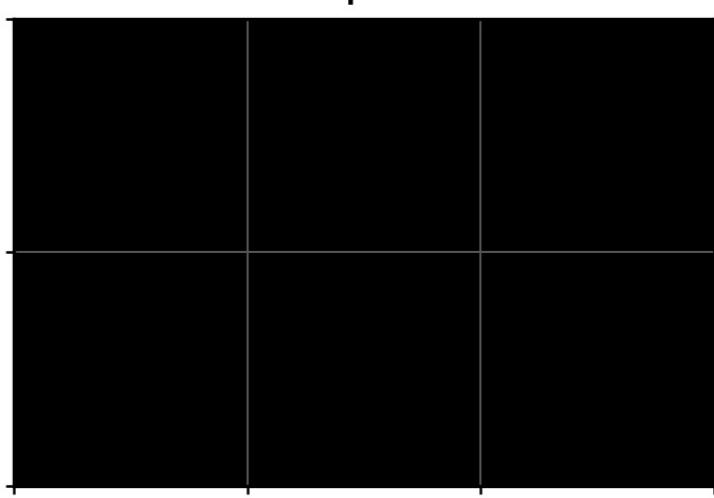
Output 2



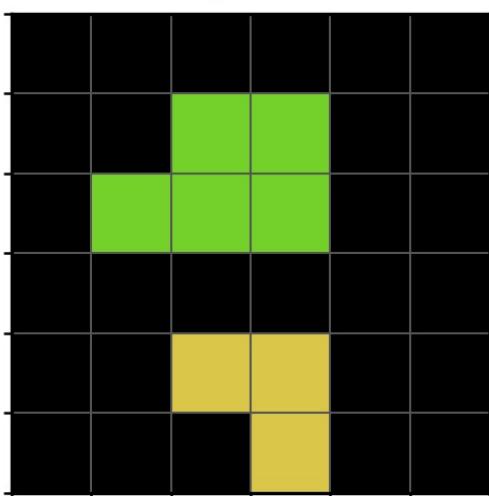
Input 3



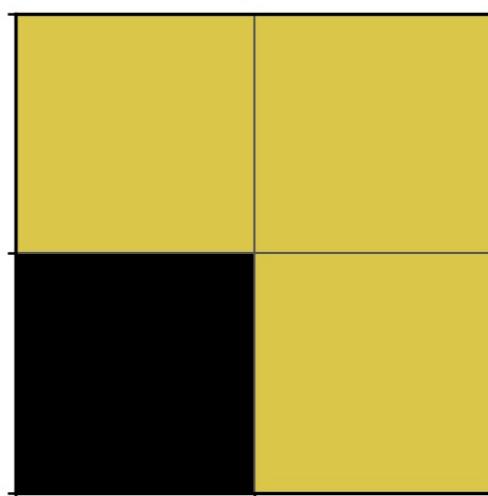
Output 3



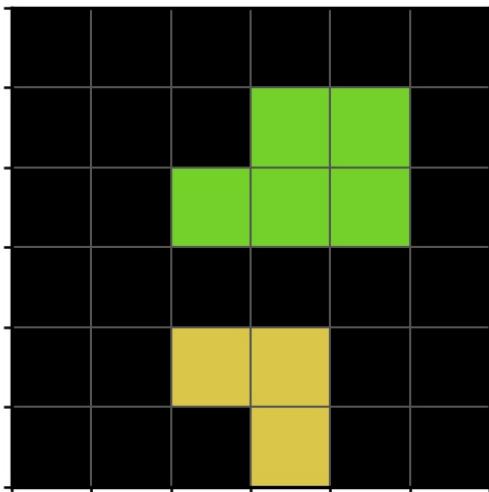
Input 4



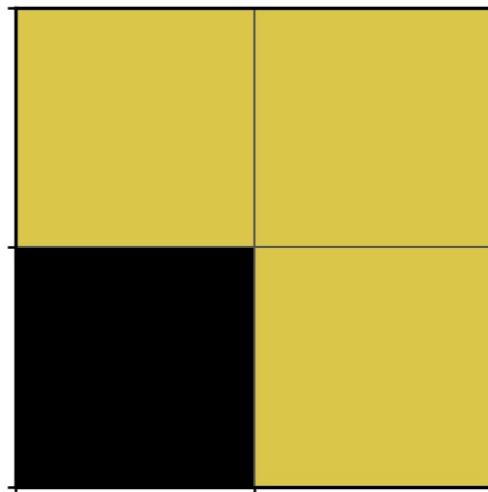
Output 4



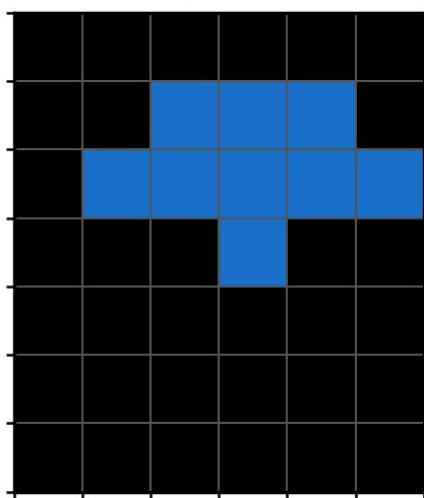
Input 5



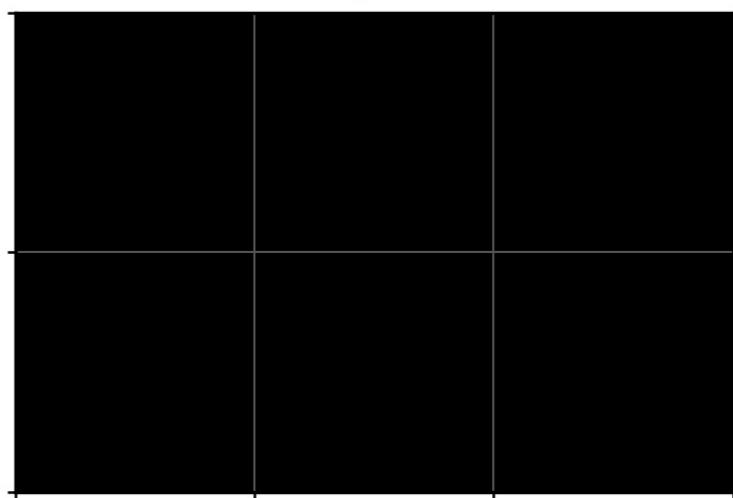
Output 5



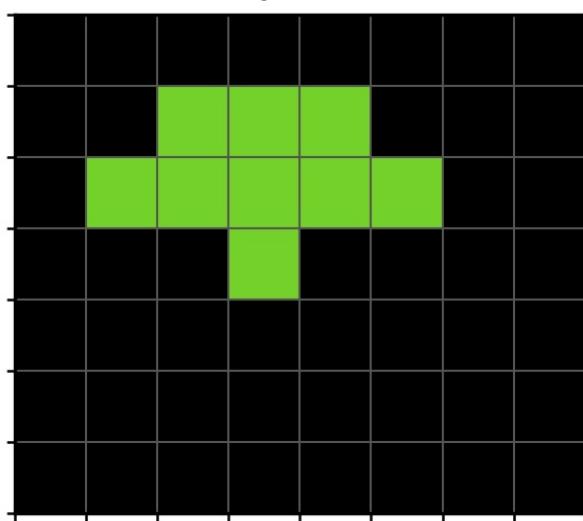
Input 6



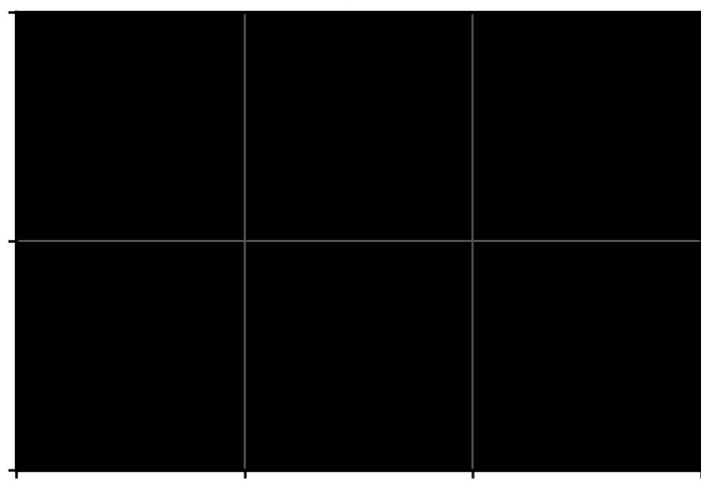
Output 6



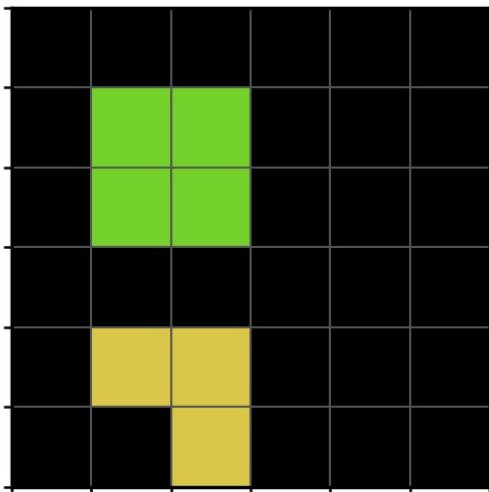
Input 7



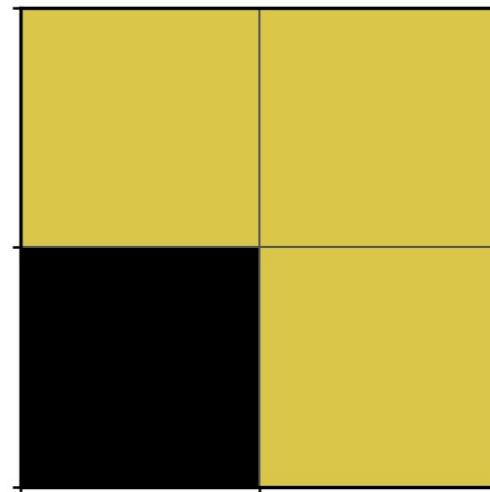
Output 7



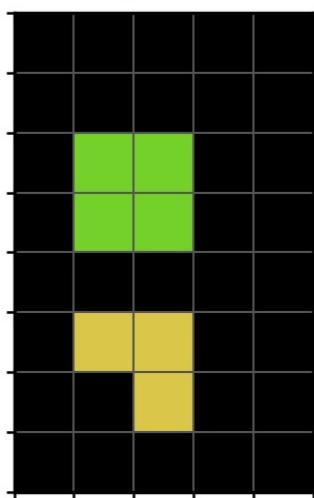
Input 8



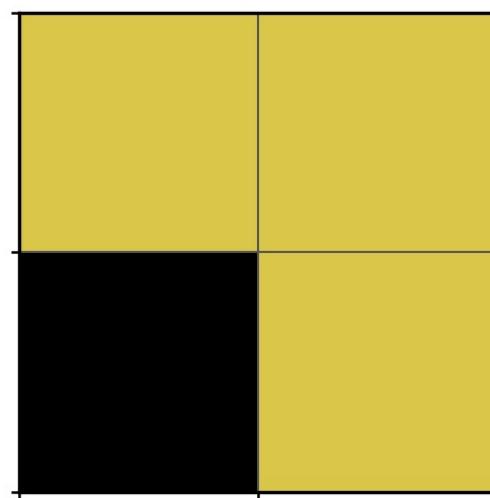
Output 8



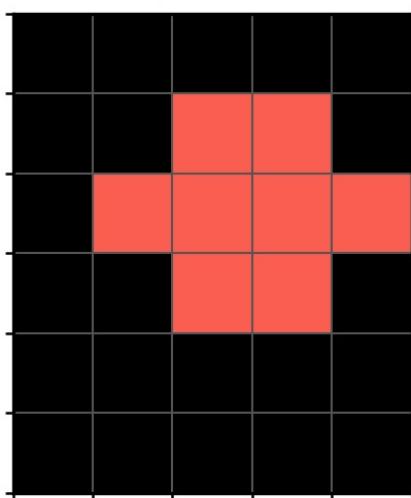
Input 9



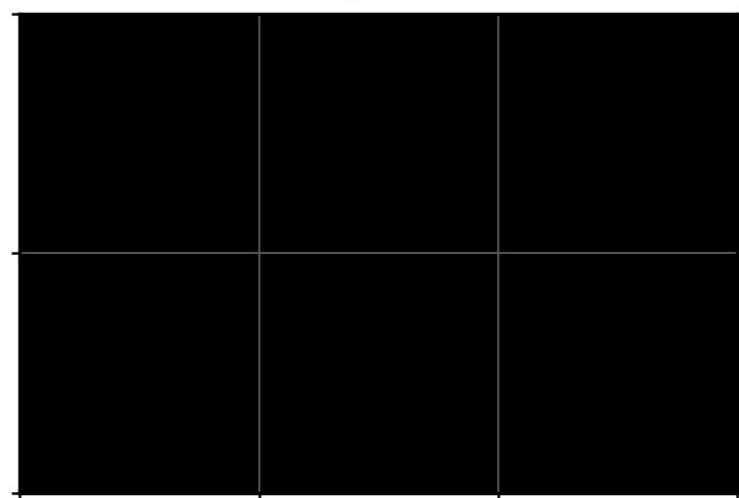
Output 9



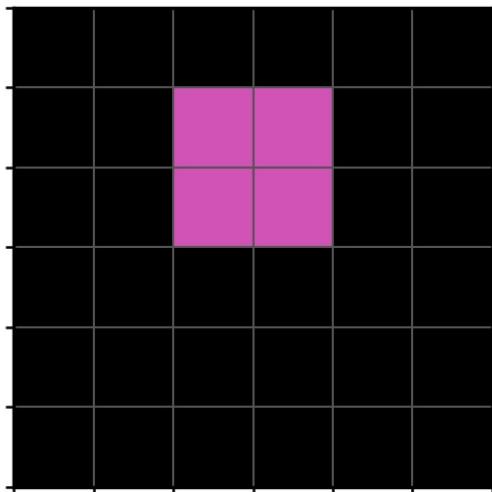
Input 10



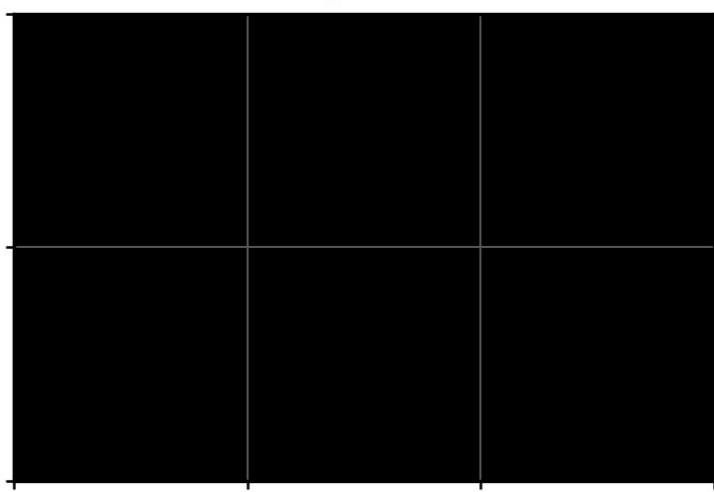
Output 10



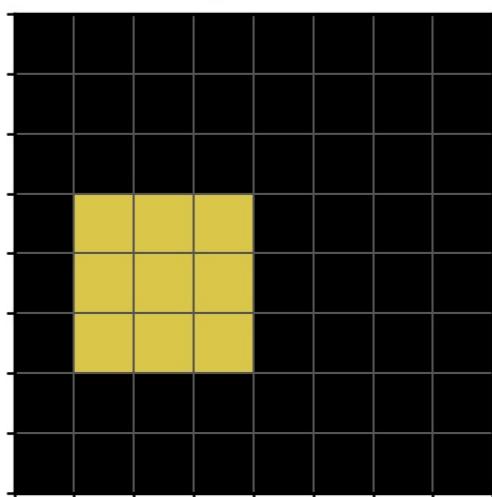
Input 11



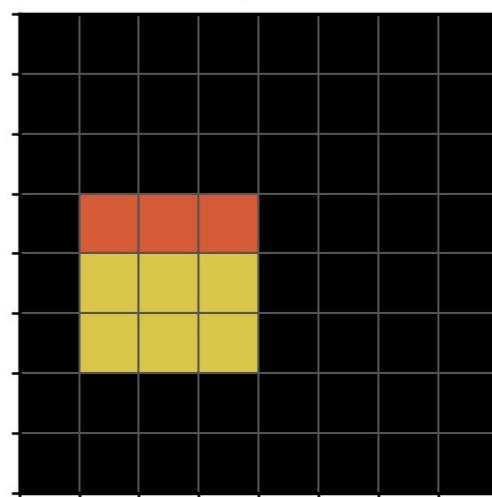
Output 11



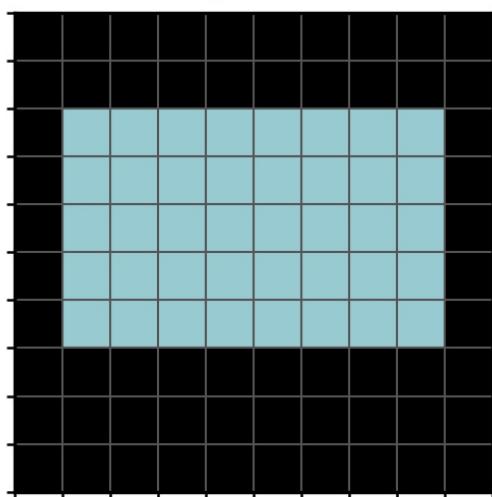
Input 1



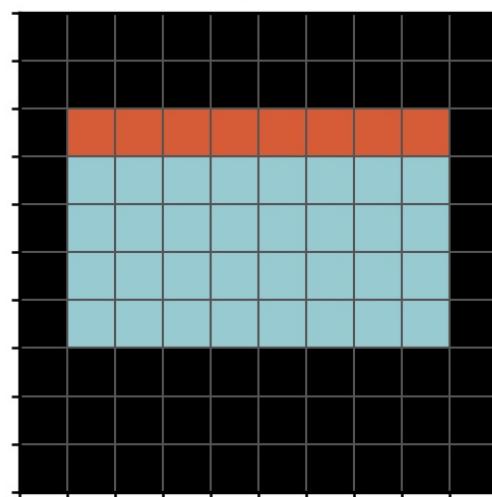
Output 1



Input 2

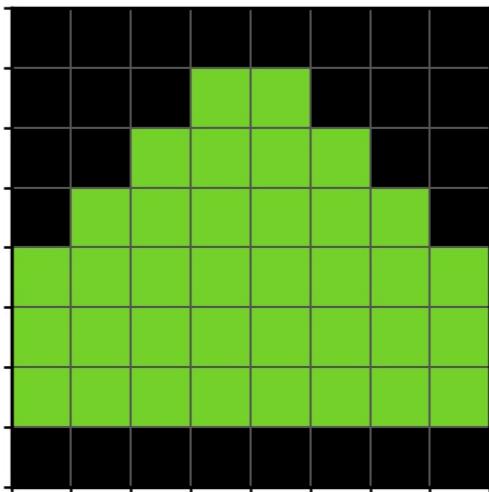


Output 2

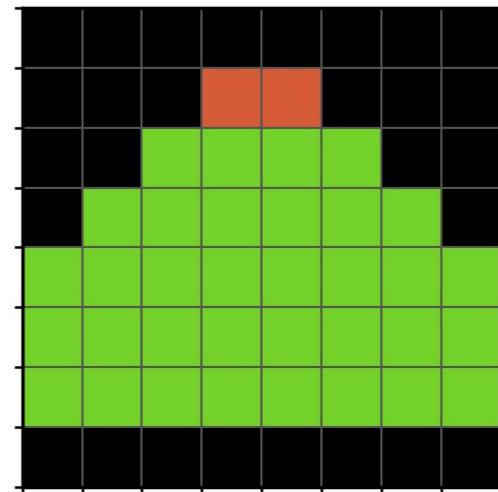


===== file name: TopBottom2D_143_Aug =====

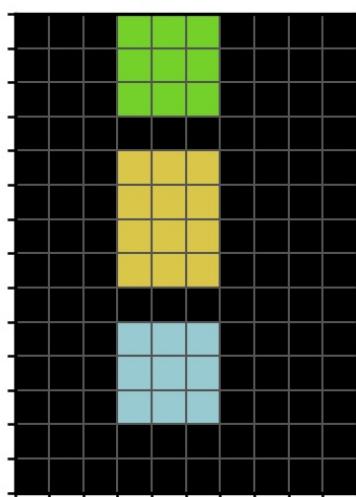
Input 3



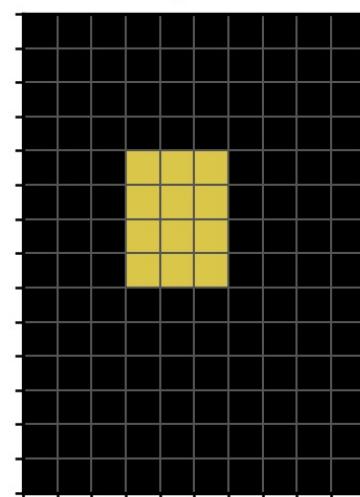
Output 3



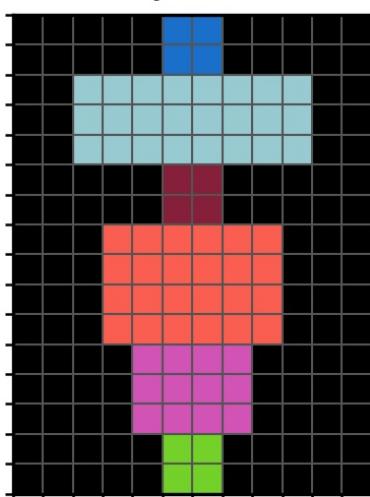
Input 1



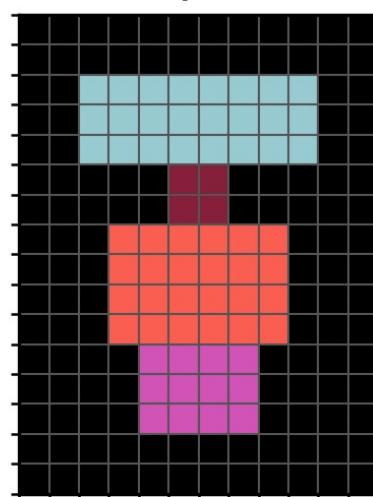
Output 1



Input 2

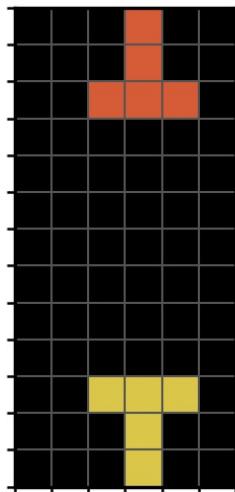


Output 2

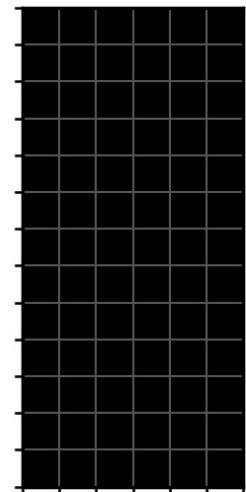


===== file name: TopBottom2D_144_Aug =====

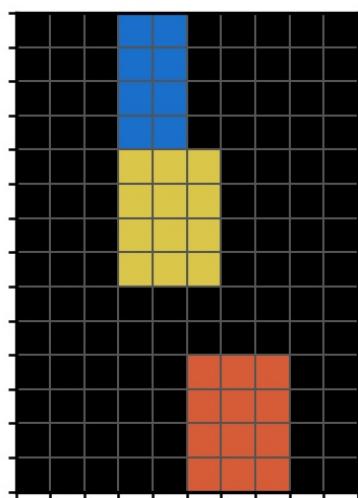
Input 3



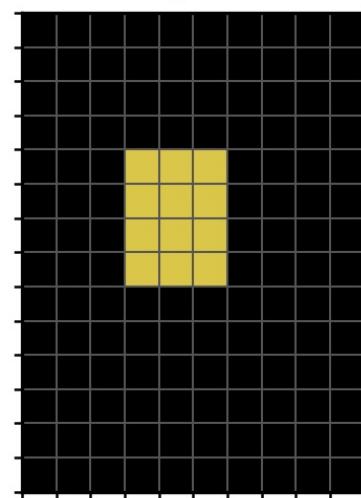
Output 3



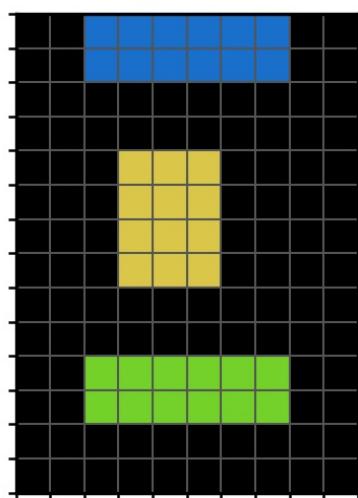
Input 4



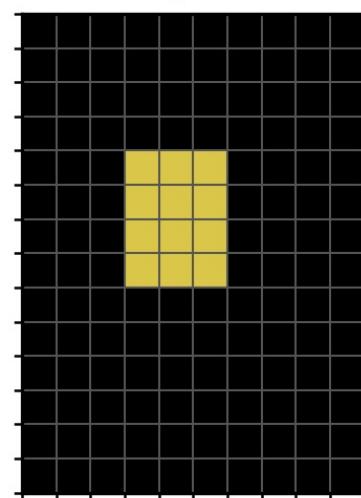
Output 4



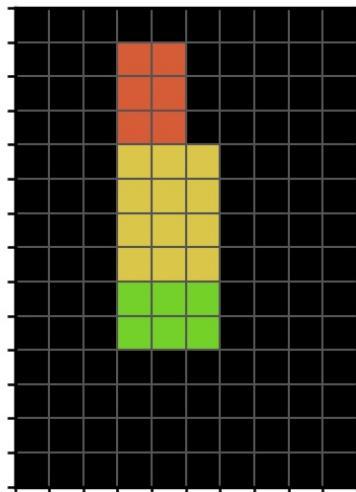
Input 5



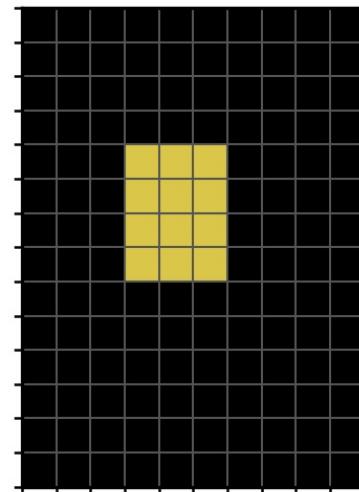
Output 5



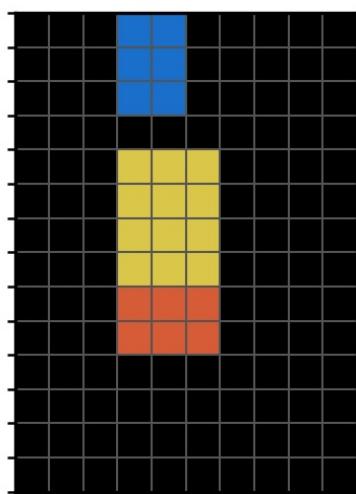
Input 6



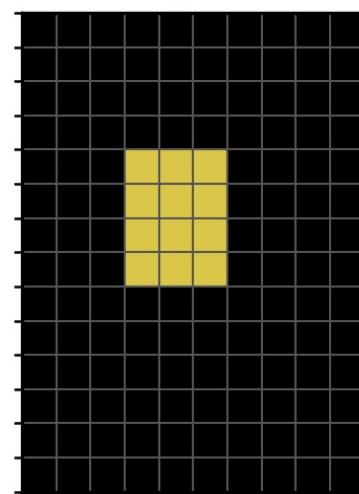
Output 6



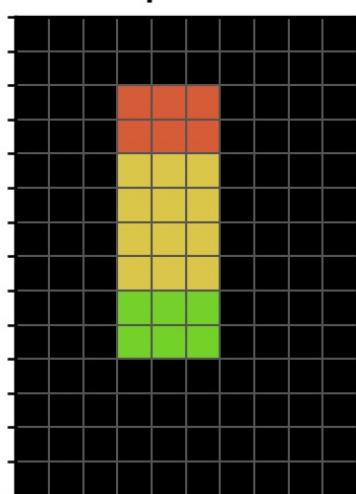
Input 7



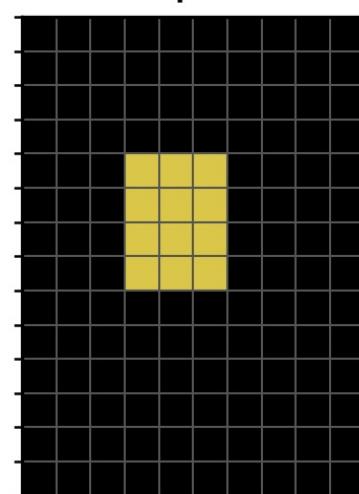
Output 7



Input 8

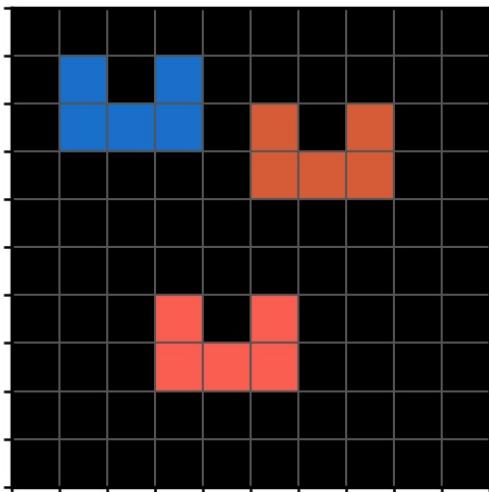


Output 8

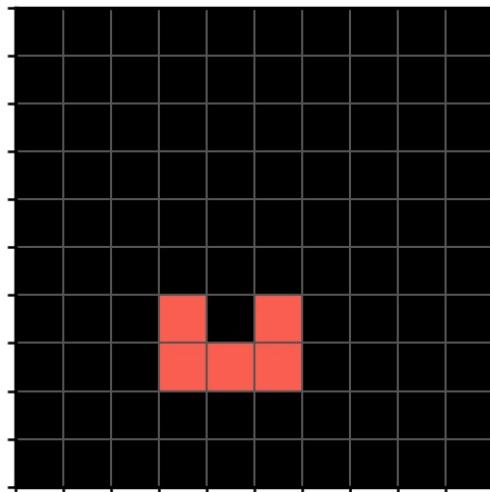


===== file name: TopBottom2D_145_Aug =====

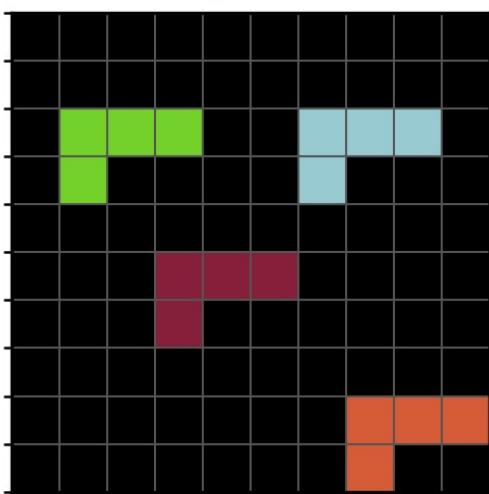
Input 1



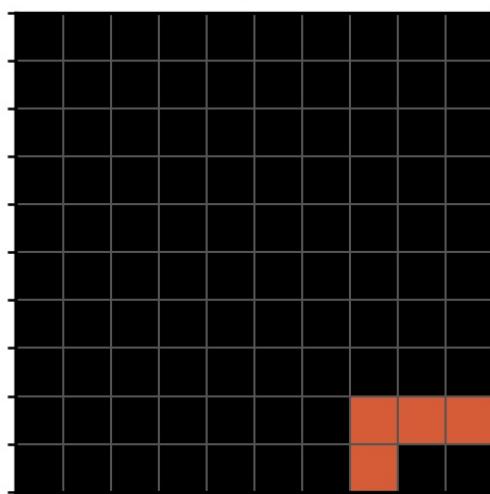
Output 1



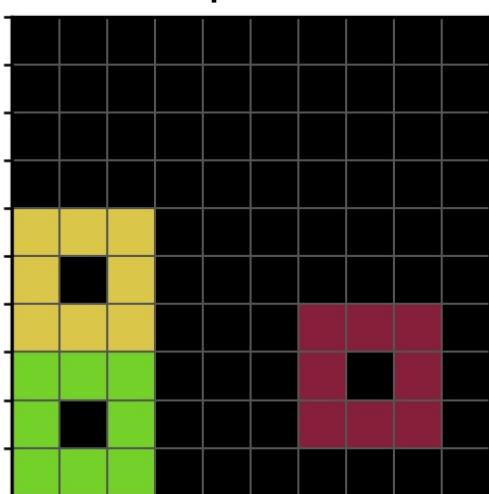
Input 2



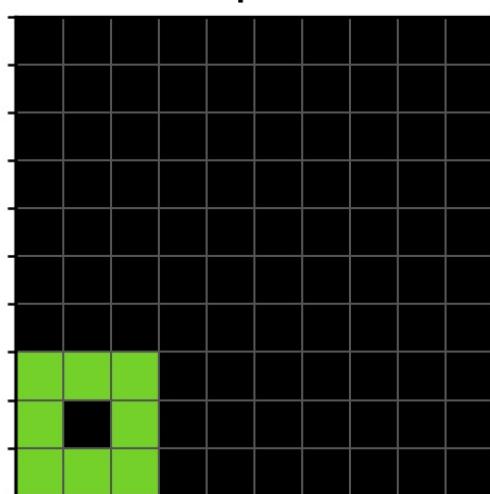
Output 2



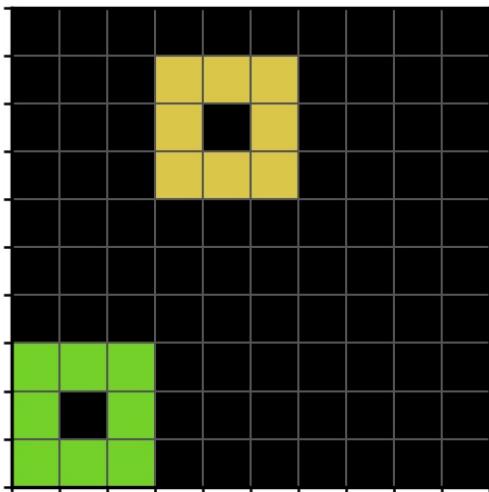
Input 3



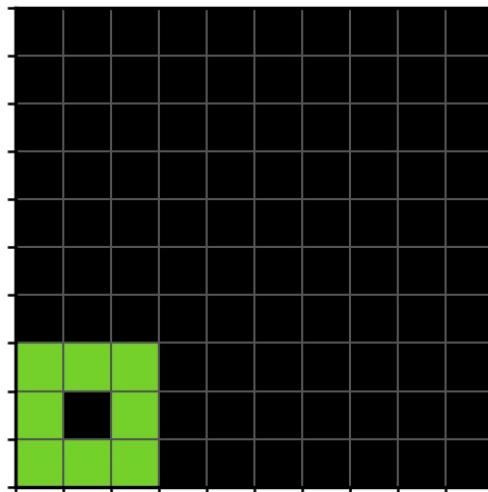
Output 3



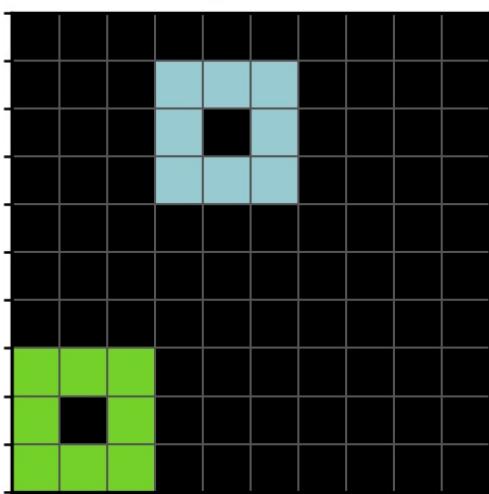
Input 4



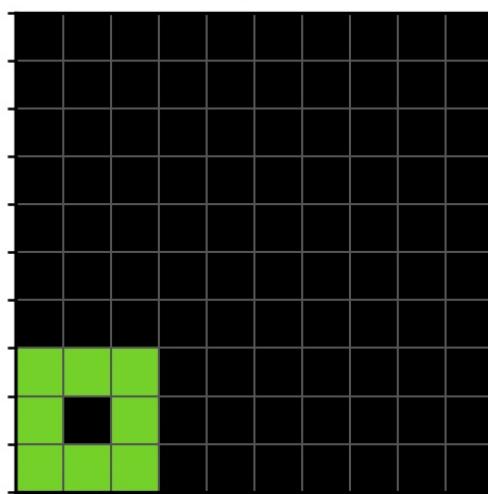
Output 4



Input 5

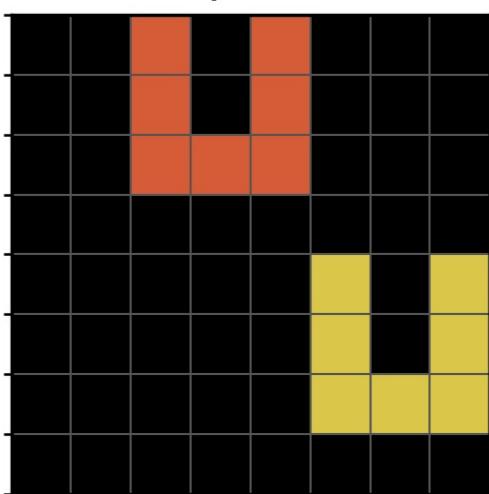


Output 5

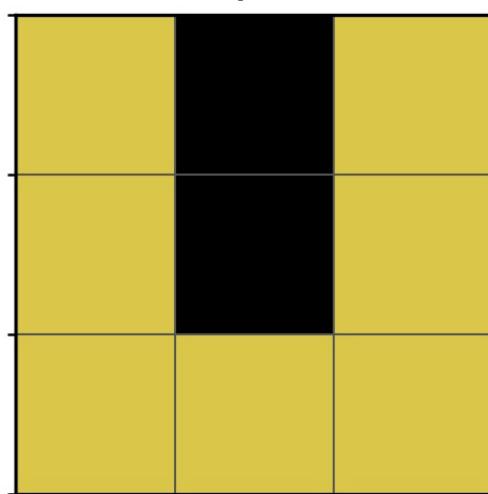


===== file name: TopBottom2D_146_Aug =====

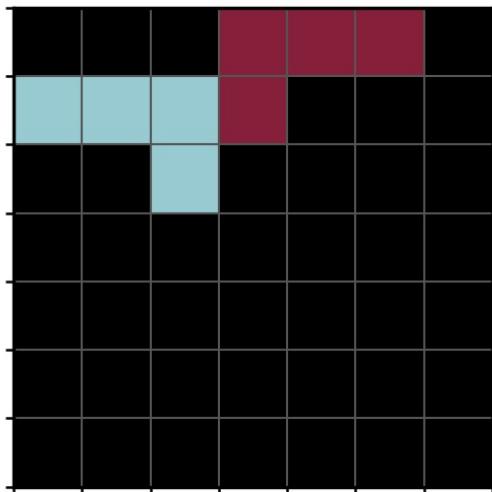
Input 1



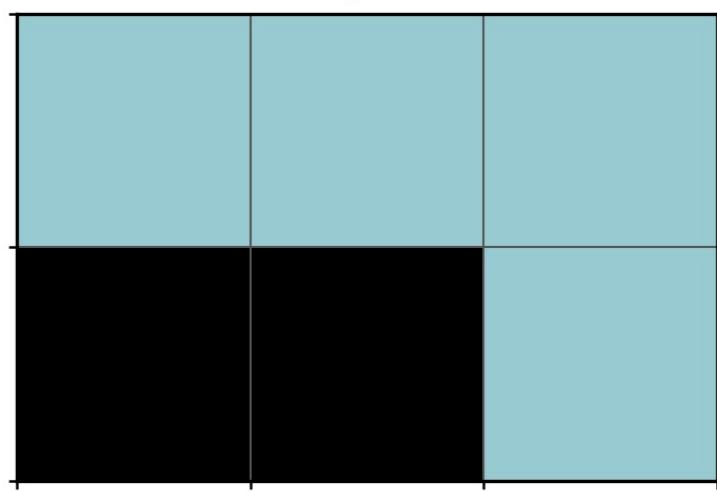
Output 1



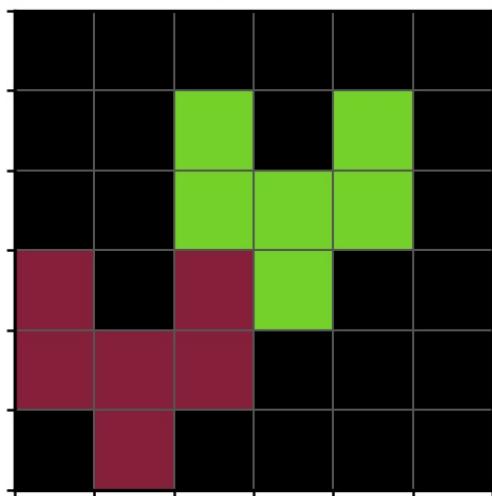
Input 2



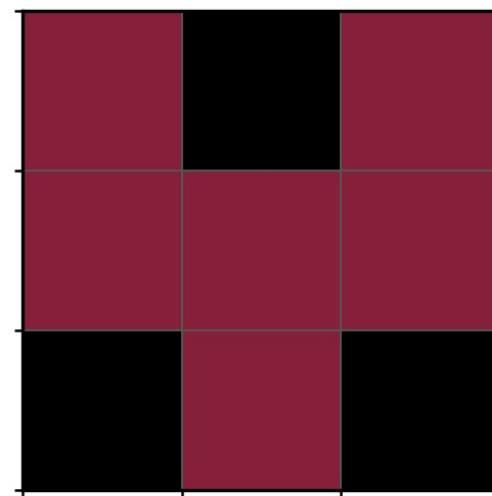
Output 2



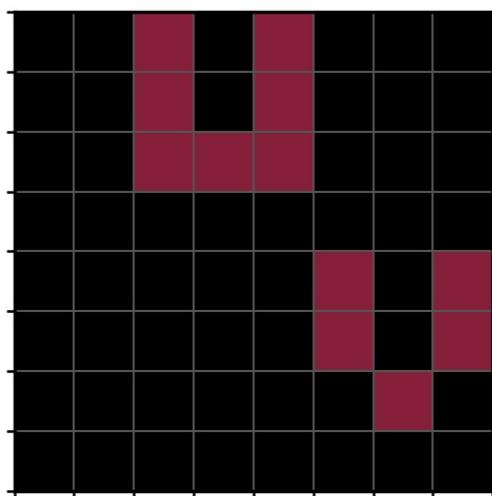
Input 3



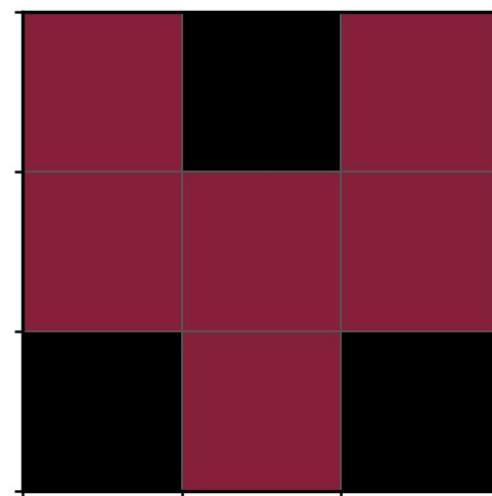
Output 3



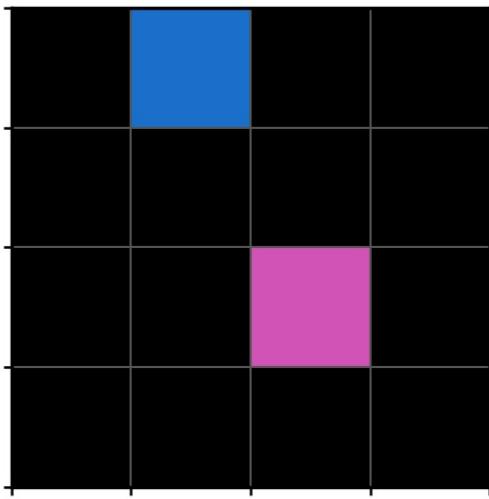
Input 4



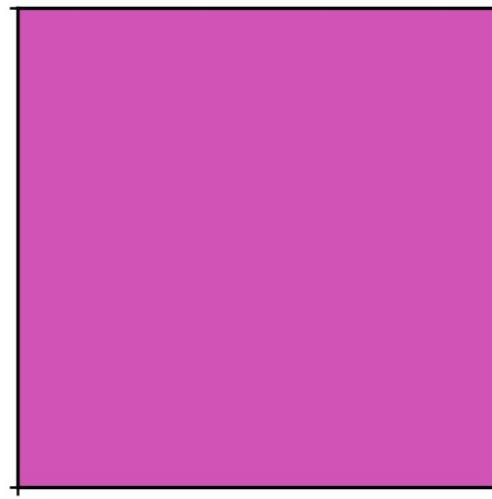
Output 4



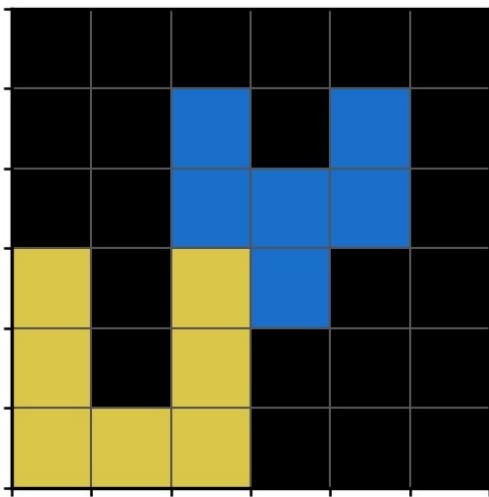
Input 5



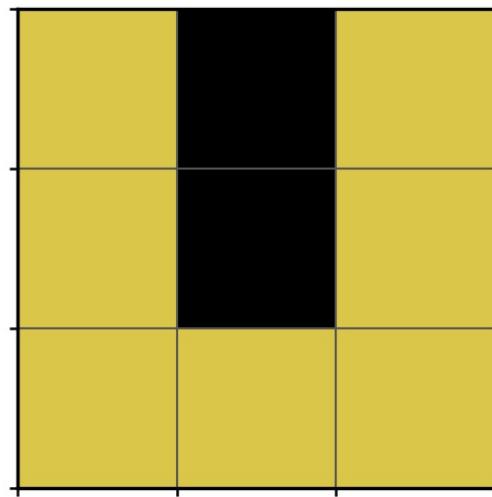
Output 5



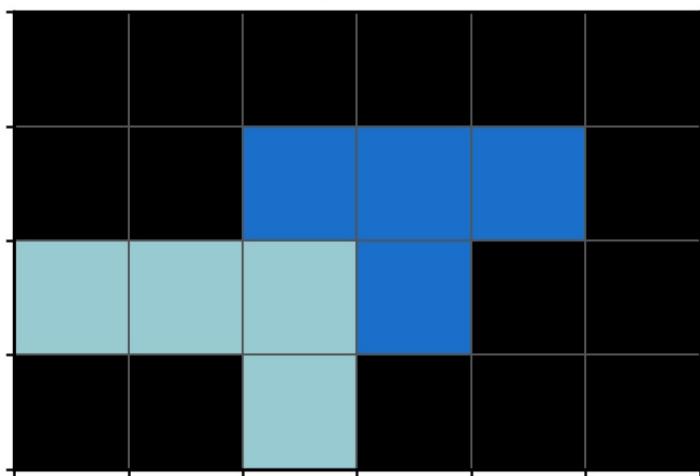
Input 6



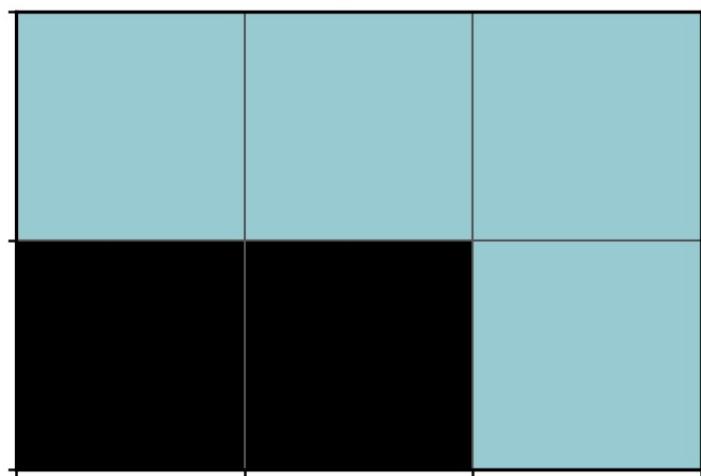
Output 6



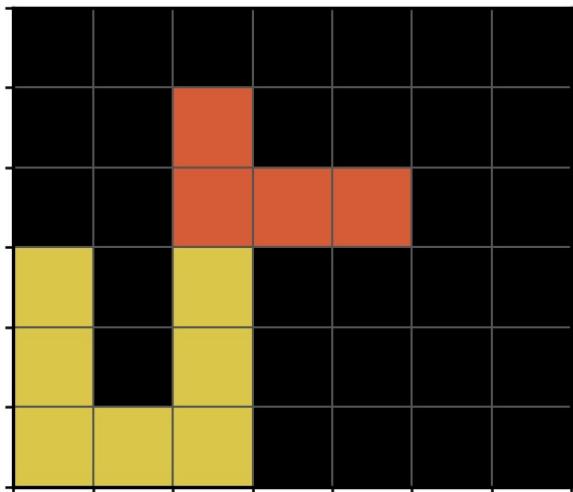
Input 7



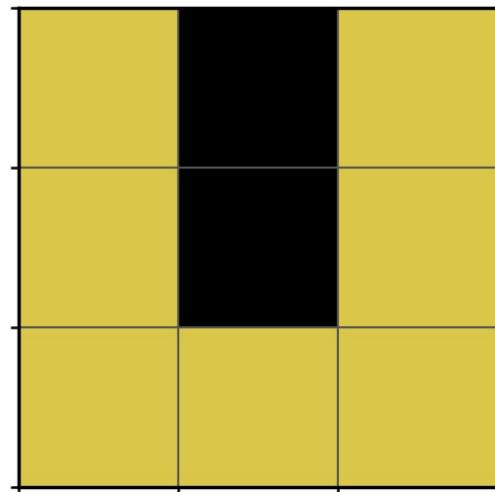
Output 7



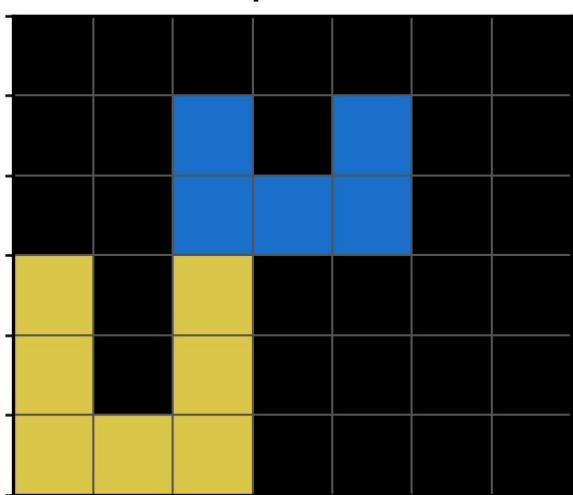
Input 8



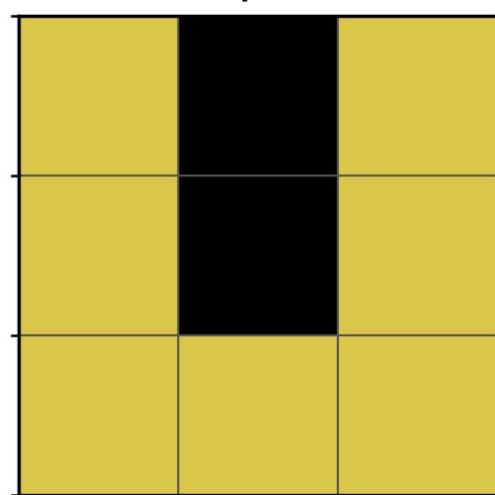
Output 8



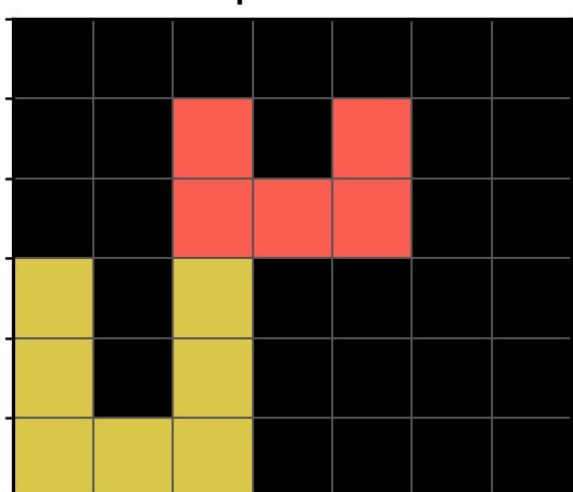
Input 9



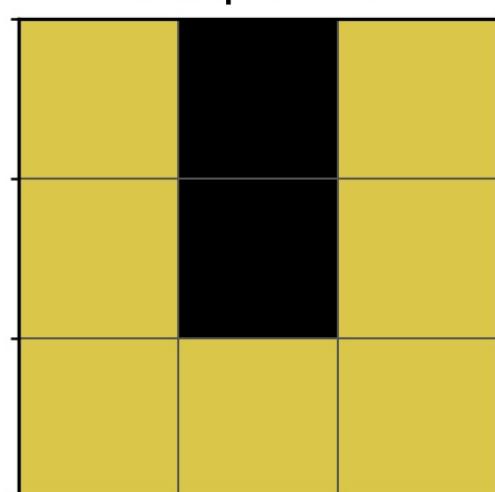
Output 9



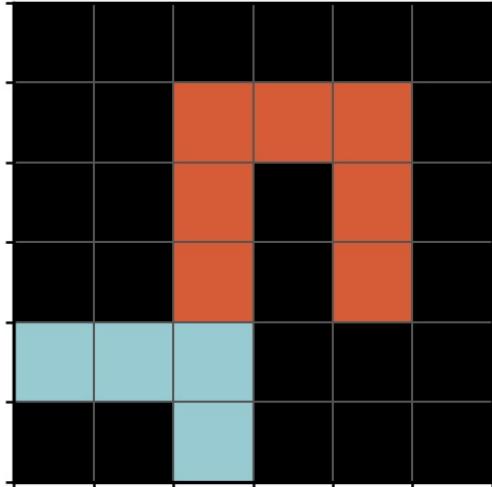
Input 10



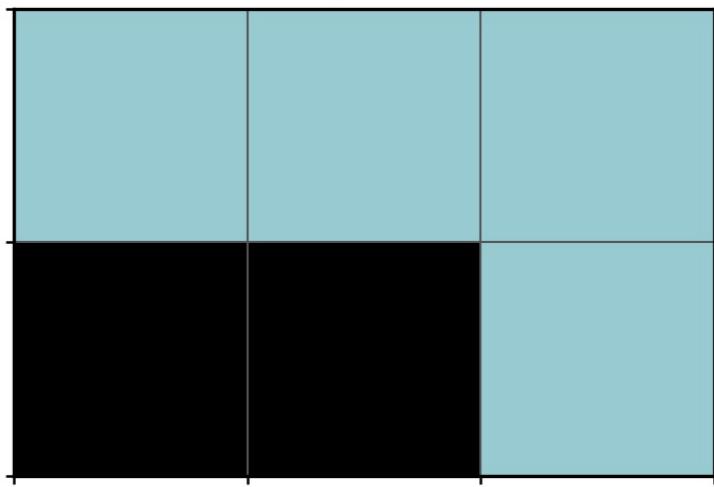
Output 10



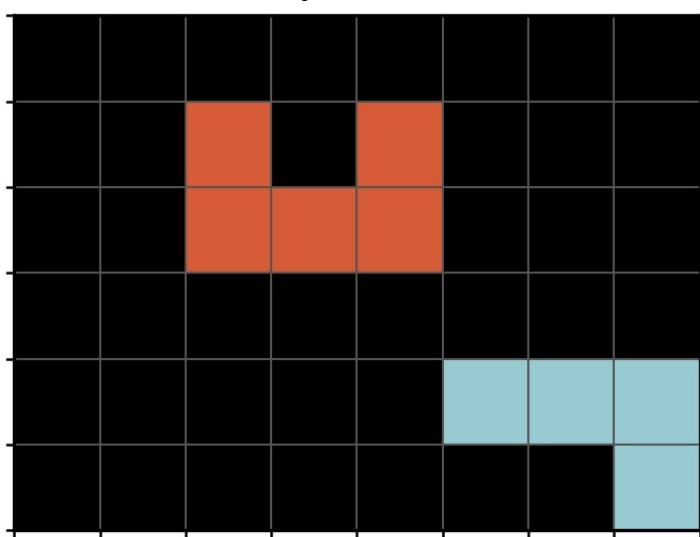
Input 11



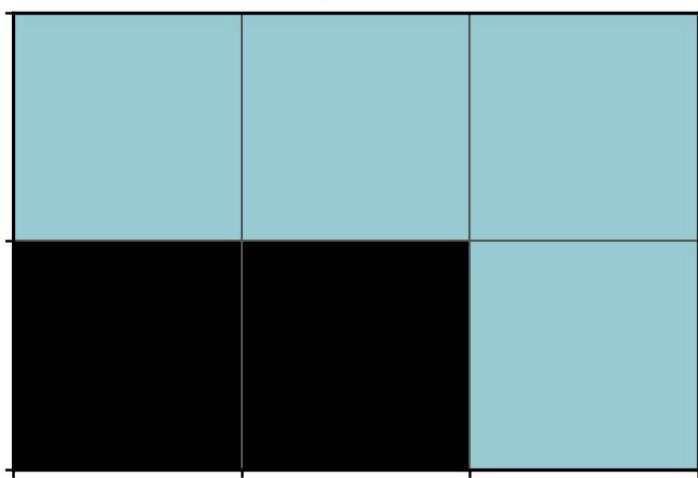
Output 11



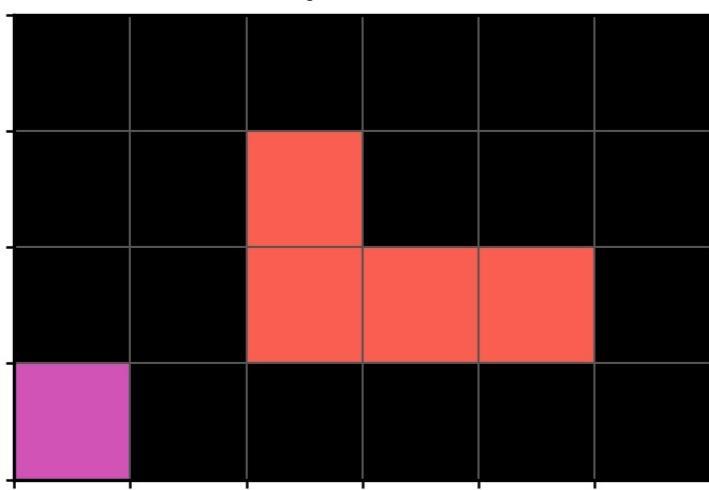
Input 12



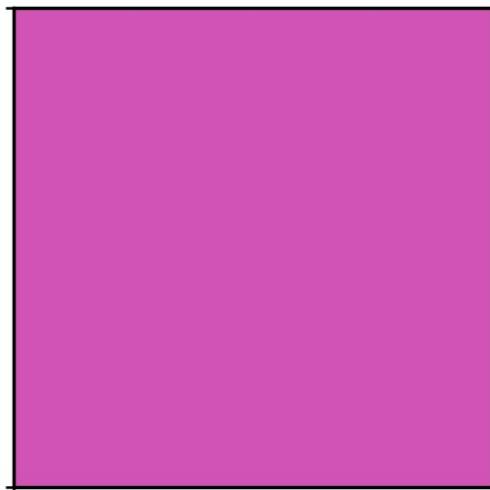
Output 12



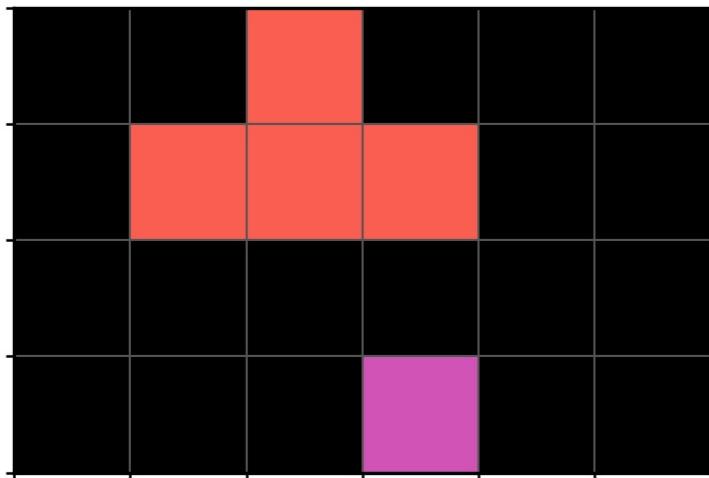
Input 13



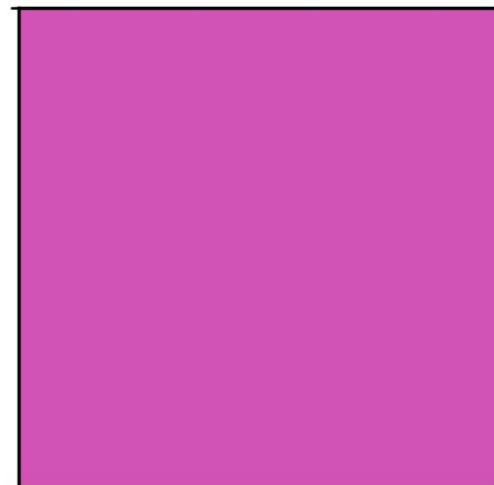
Output 13



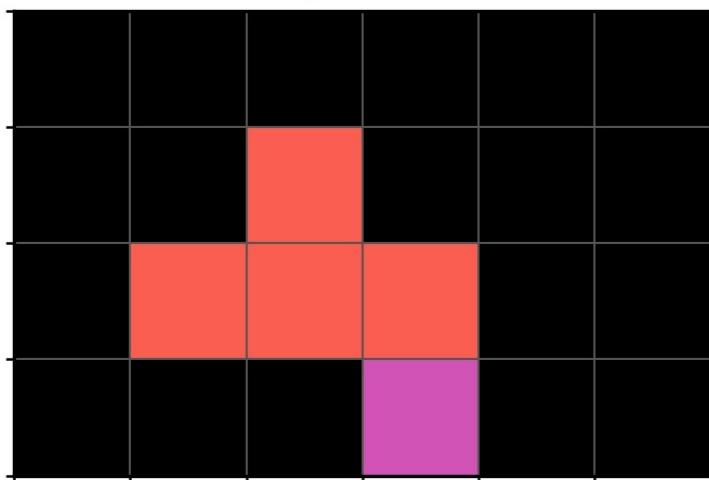
Input 14



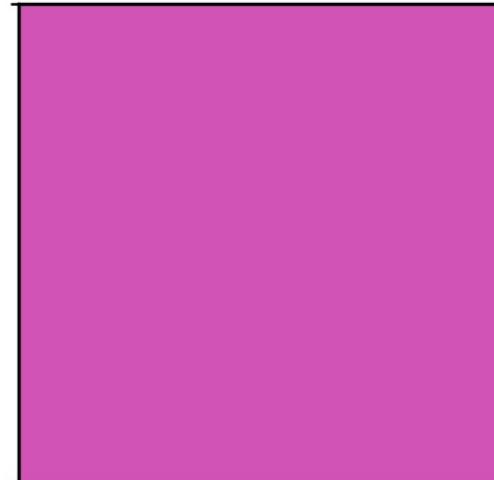
Output 14



Input 15

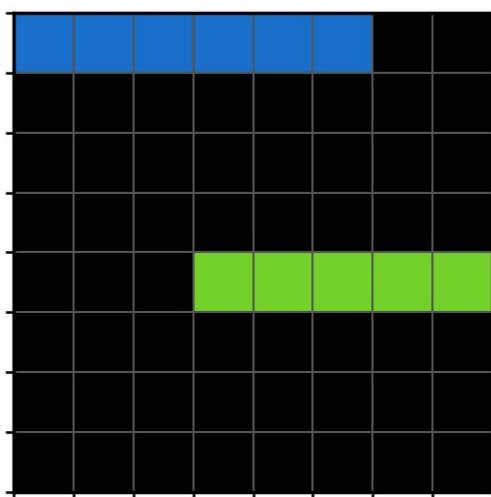


Output 15



===== file name: TopBottom2D_147_Aug =====

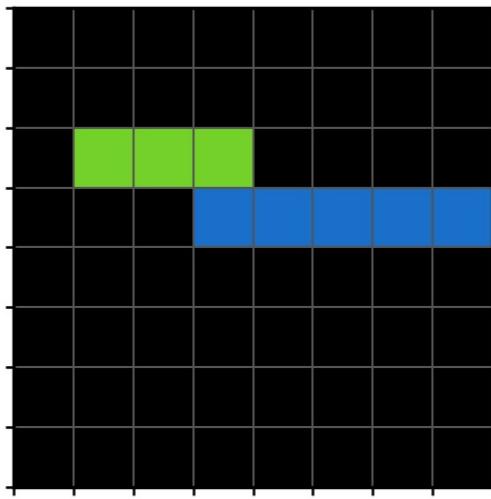
Input 1



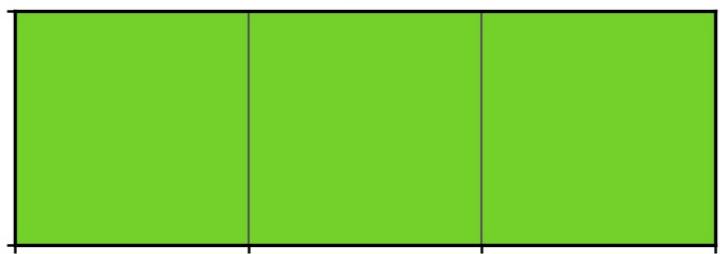
Output 1



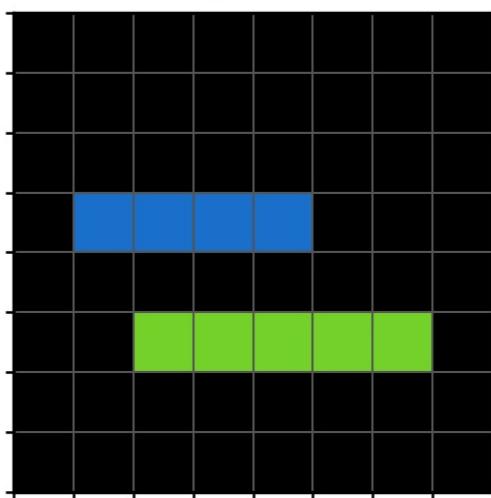
Input 2



Output 2



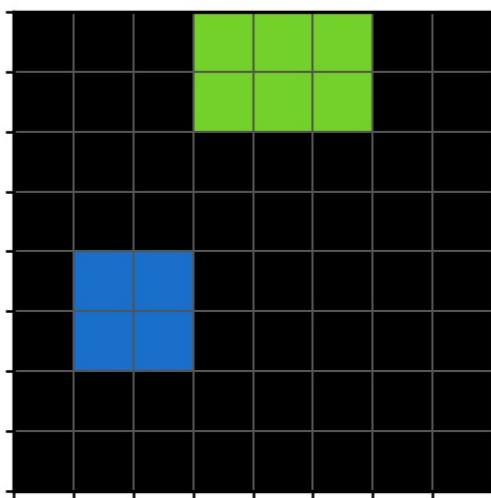
Input 3



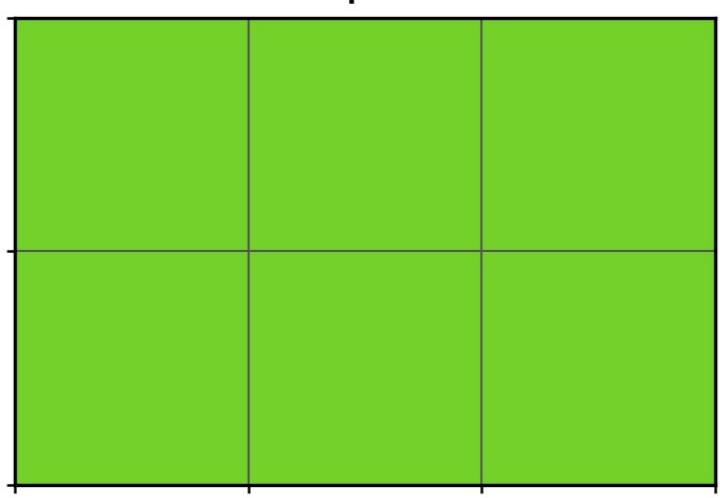
Output 3



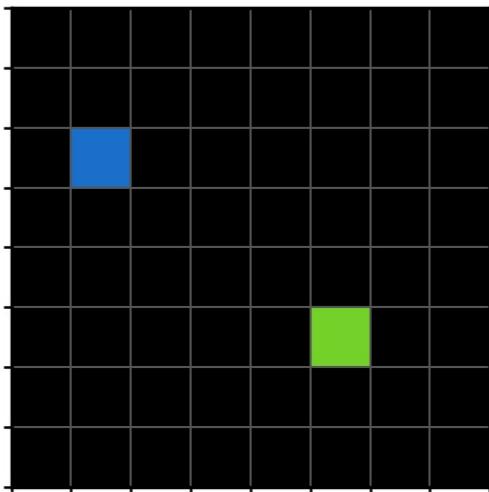
Input 4



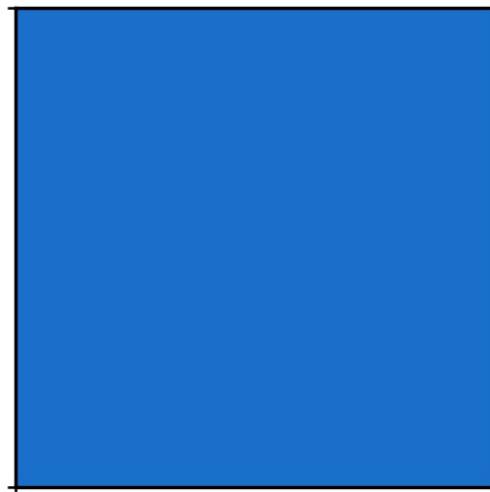
Output 4



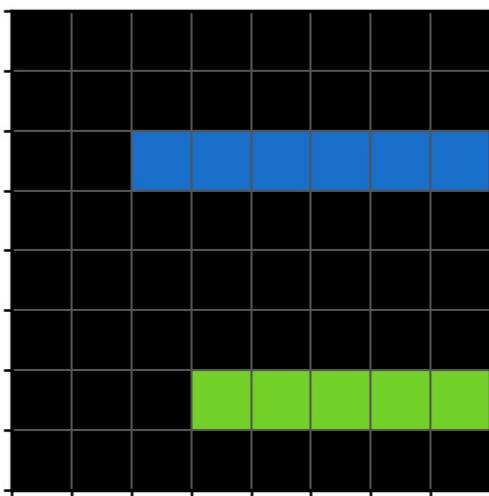
Input 5



Output 5



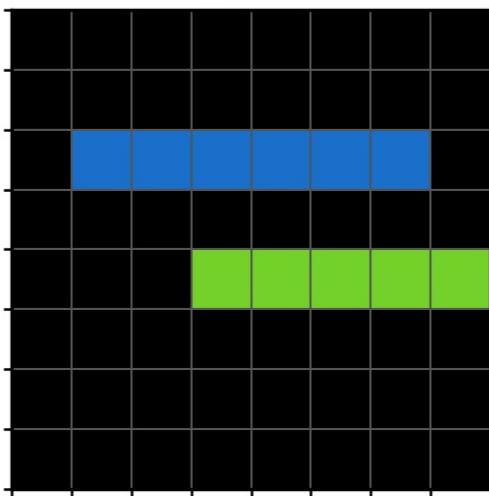
Input 6



Output 6



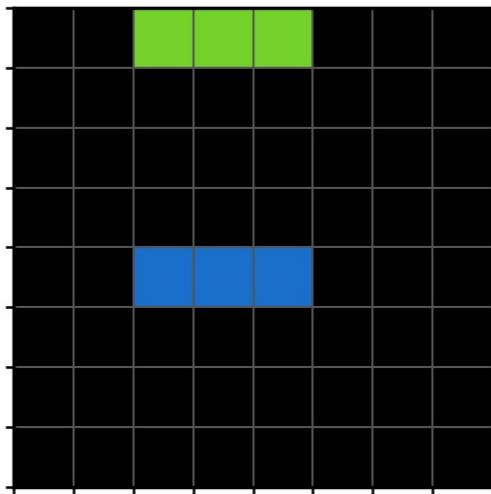
Input 7



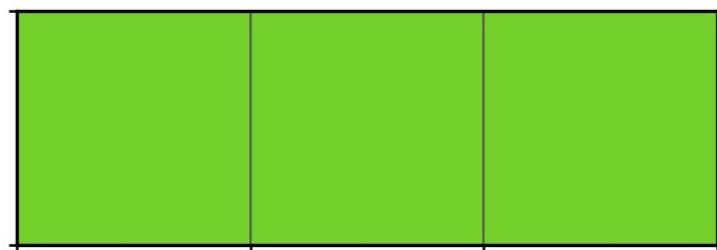
Output 7



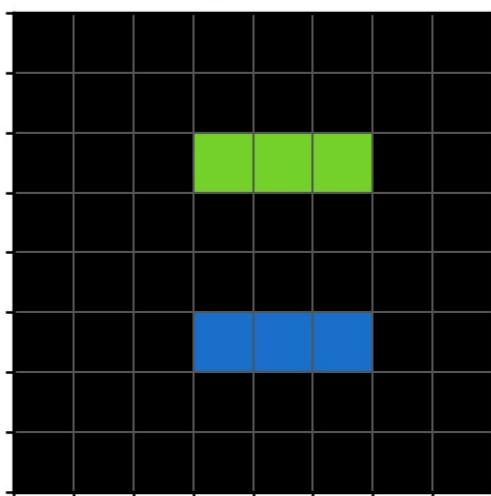
Input 8



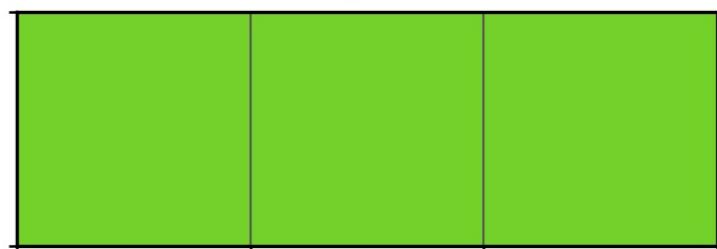
Output 8



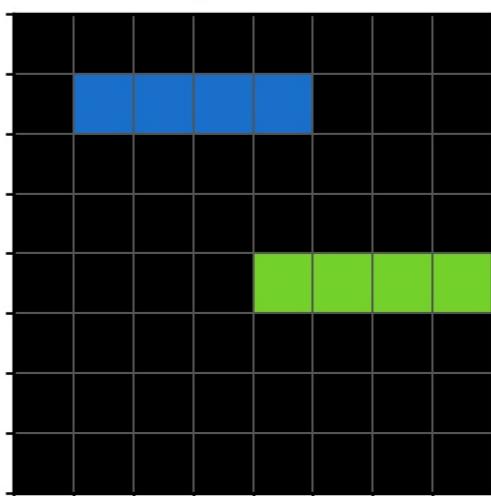
Input 9



Output 9



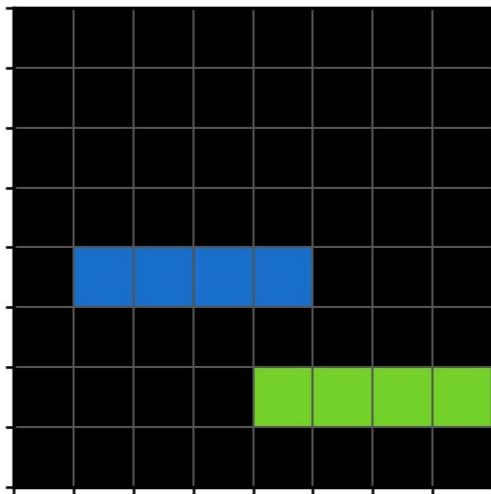
Input 10



Output 10



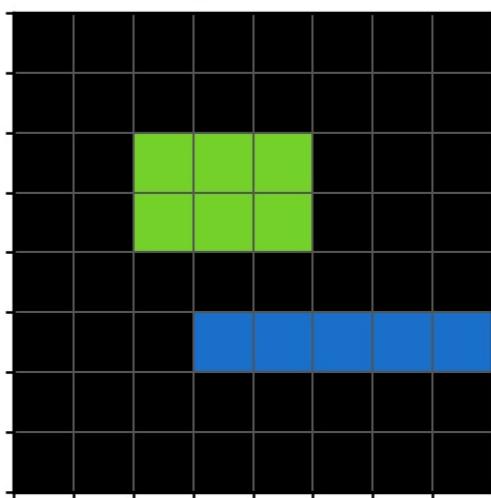
Input 11



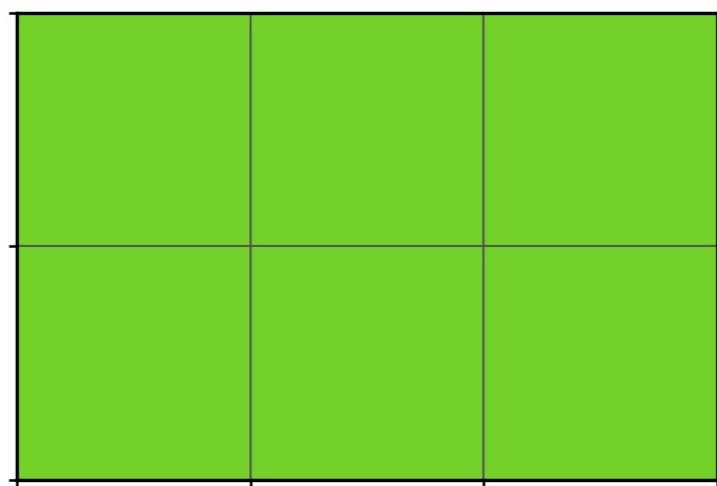
Output 11



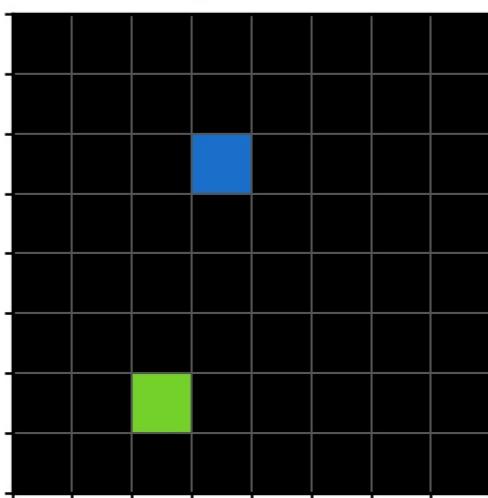
Input 12



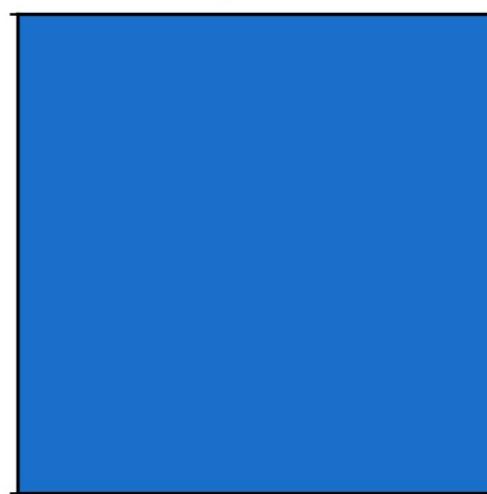
Output 12



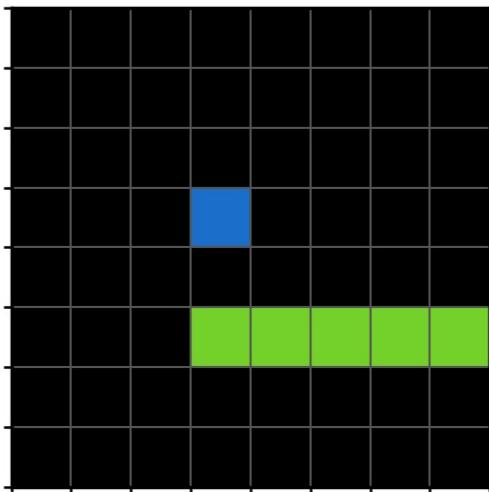
Input 13



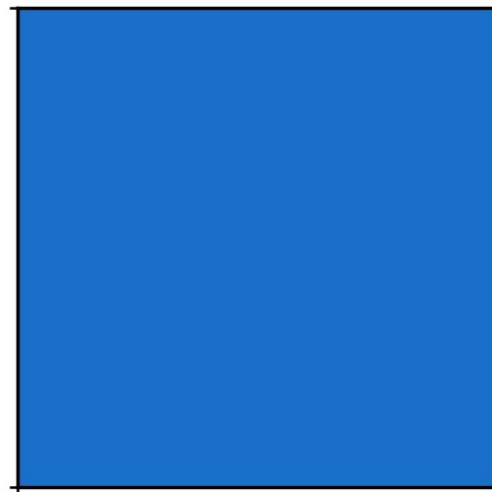
Output 13



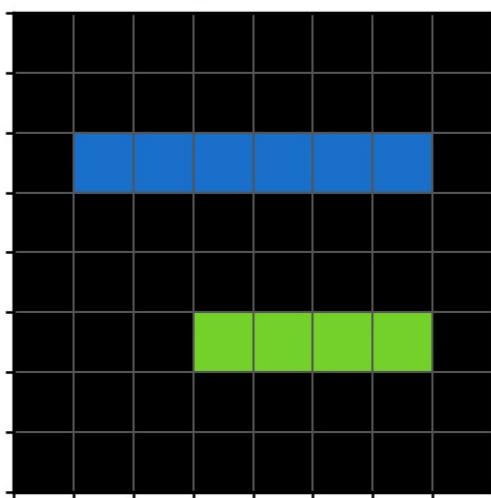
Input 14



Output 14



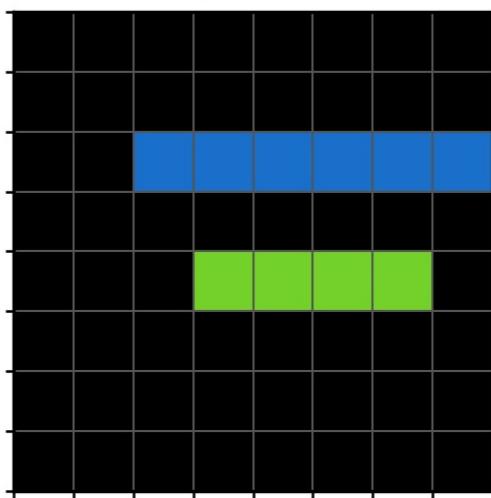
Input 15



Output 15



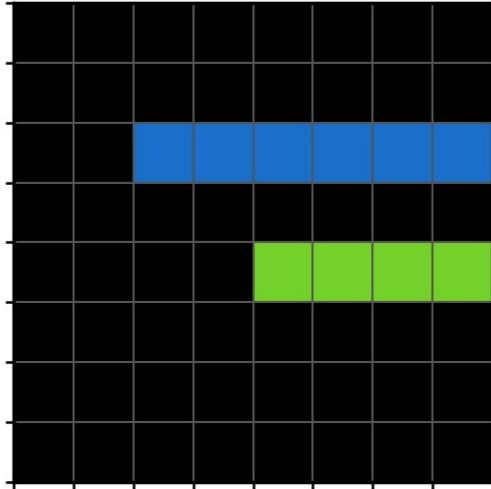
Input 16



Output 16



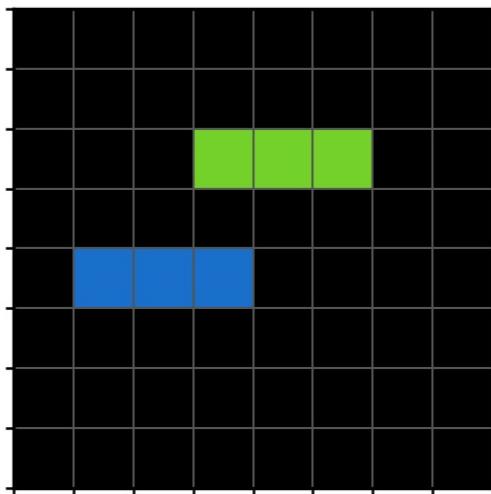
Input 17



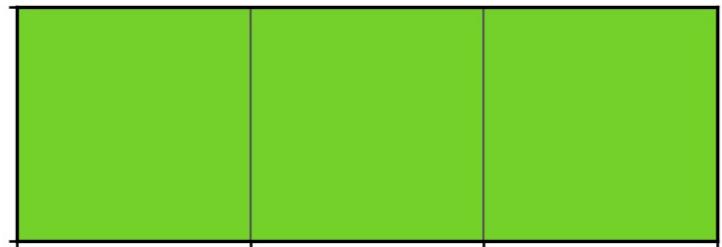
Output 17



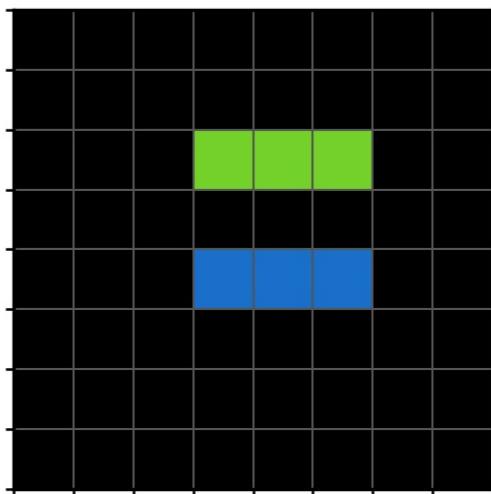
Input 18



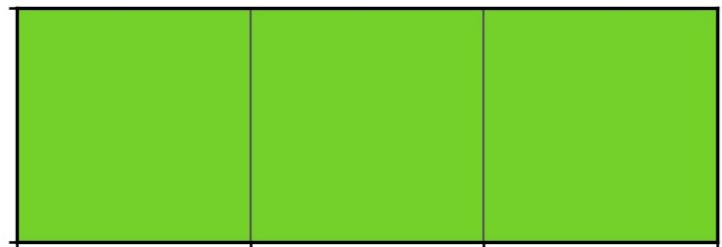
Output 18



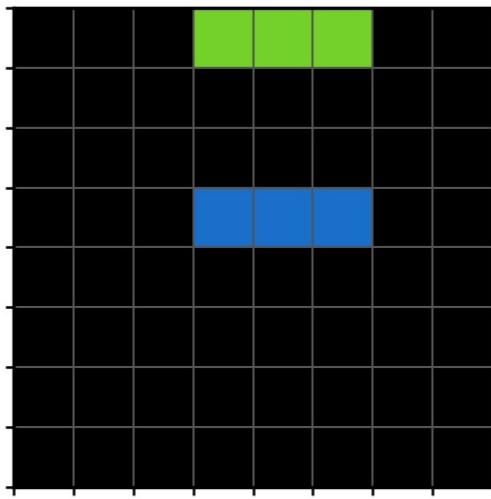
Input 19



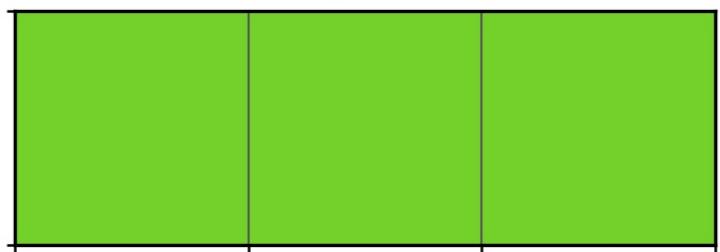
Output 19



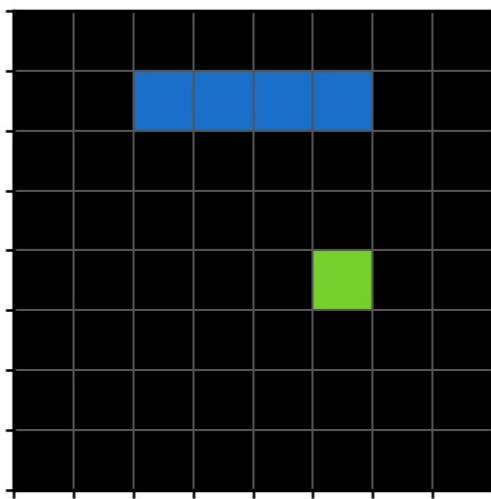
Input 20



Output 20



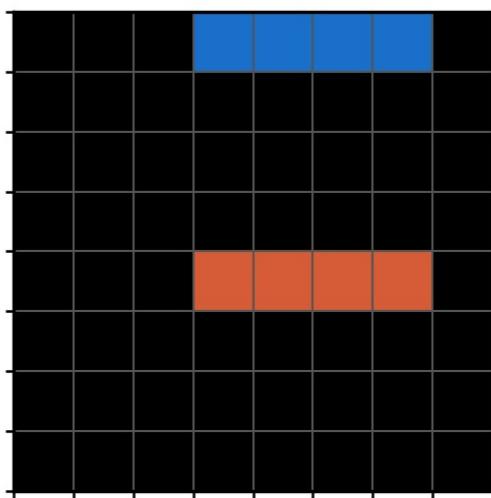
Input 21



Output 21



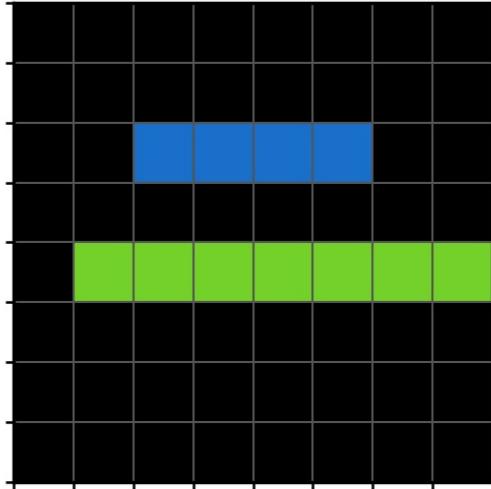
Input 22



Output 22



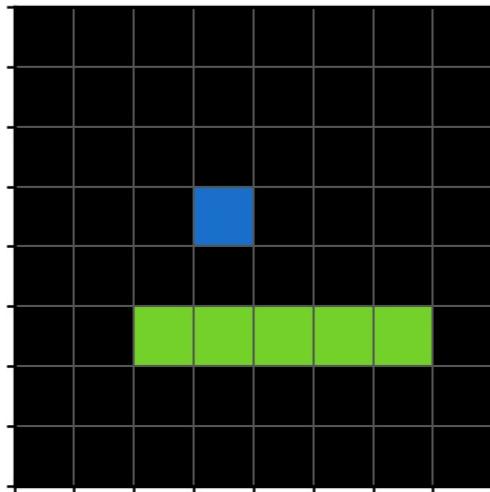
Input 23



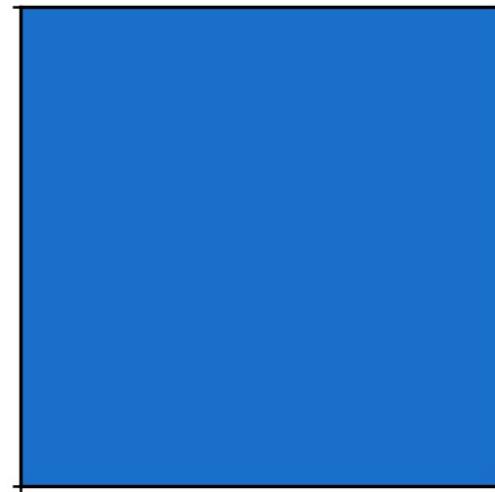
Output 23



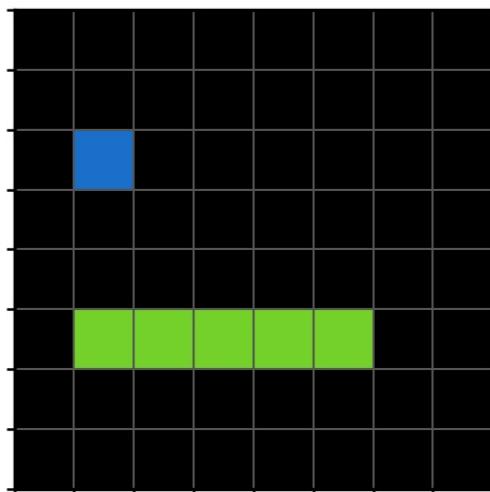
Input 24



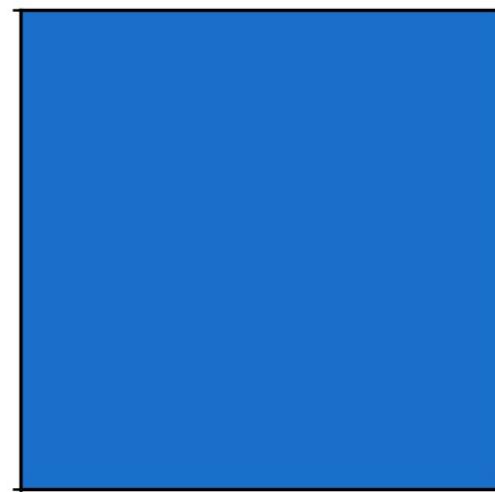
Output 24



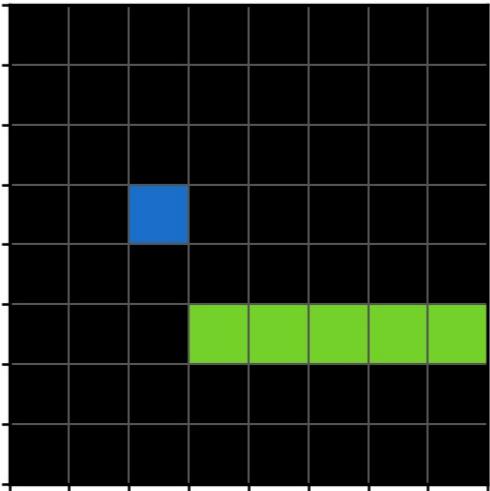
Input 25



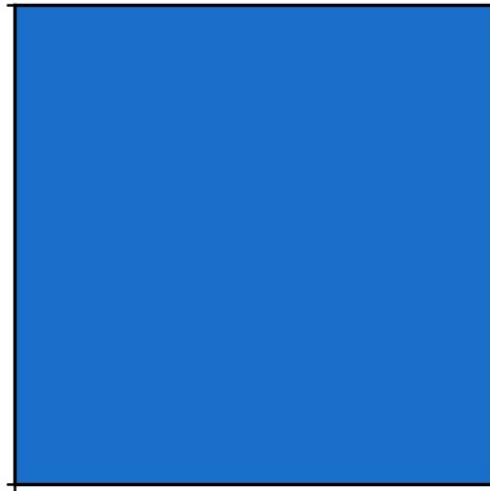
Output 25



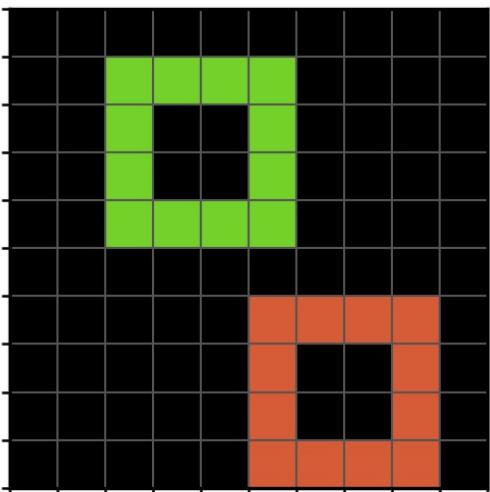
Input 26



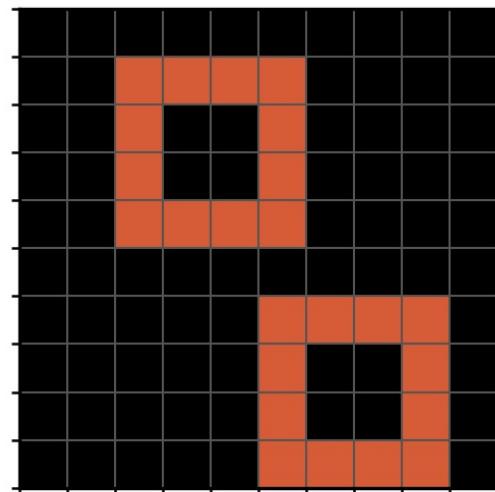
Output 26



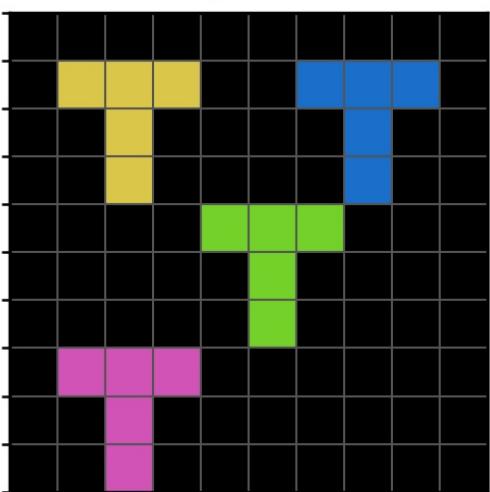
Input 1



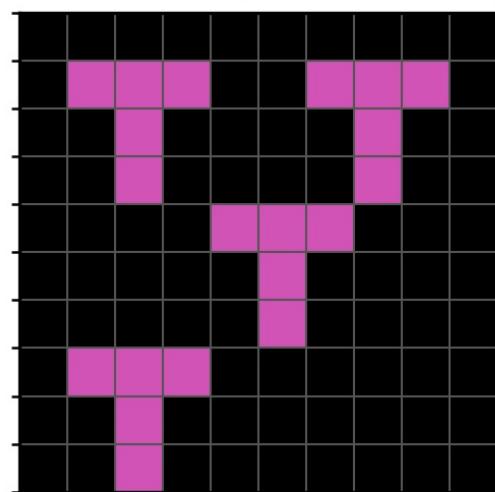
Output 1



Input 2

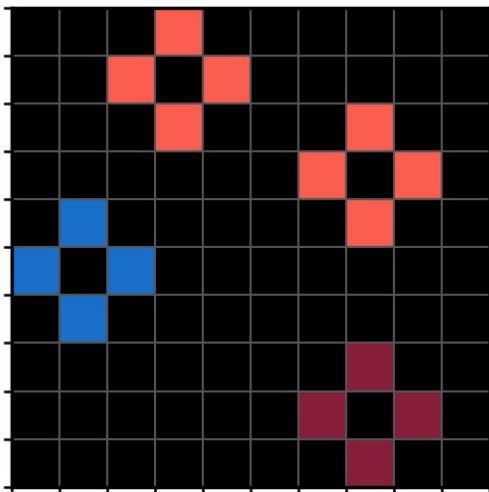


Output 2

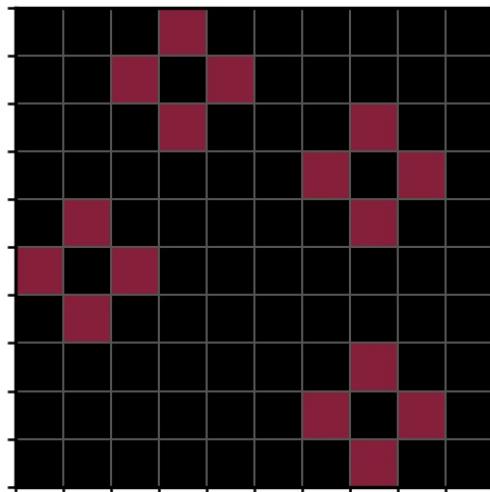


===== file name: TopBottom2D_148_Aug =====

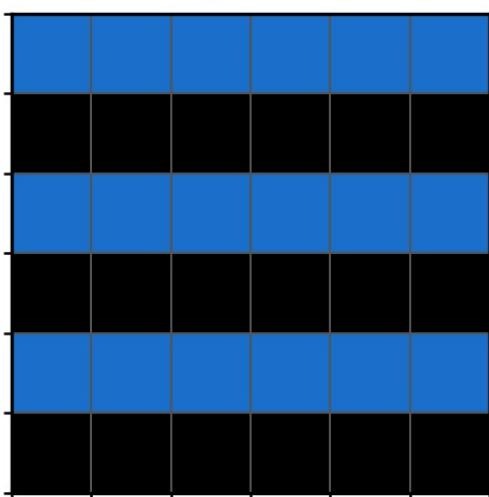
Input 3



Output 3



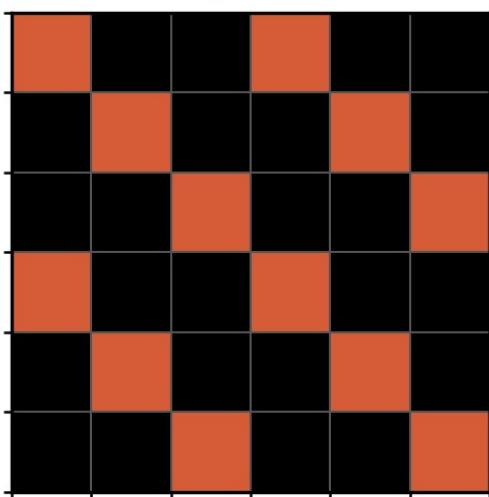
Input 1



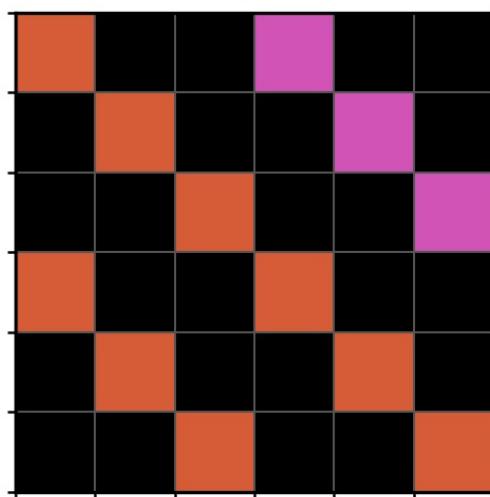
Output 1



Input 2

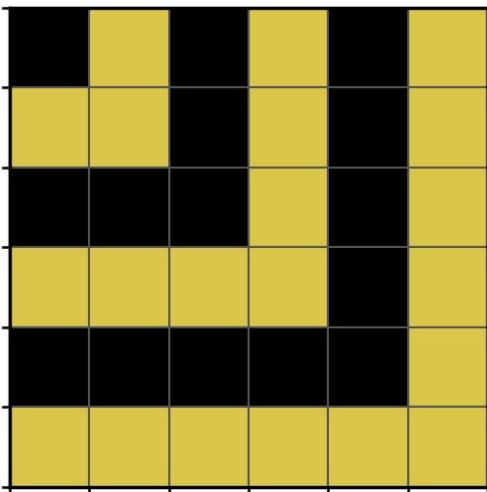


Output 2

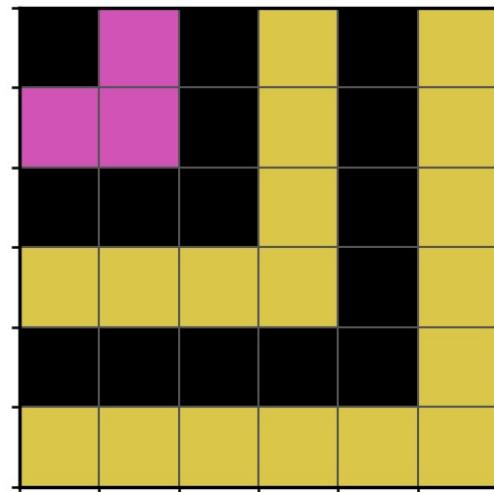


===== file name: TopBottom2D_149_Aug =====

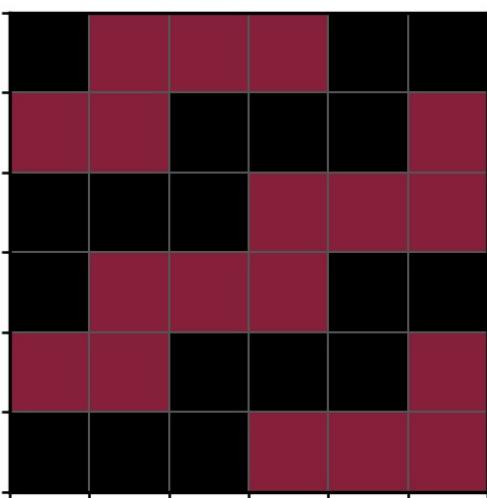
Input 3



Output 3



Input 4



Output 4

