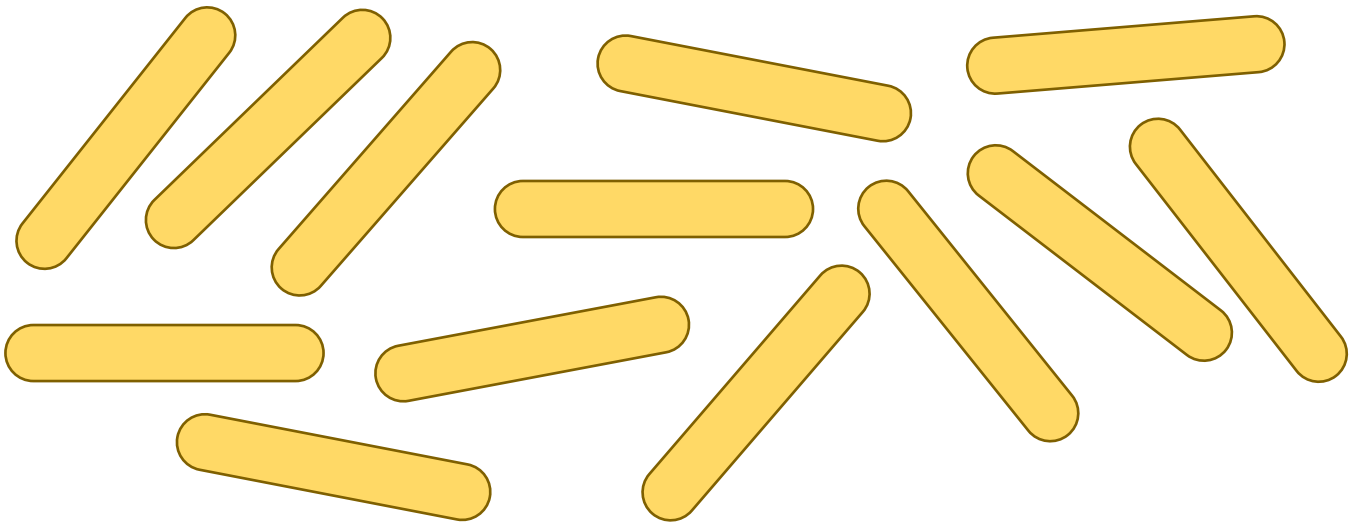
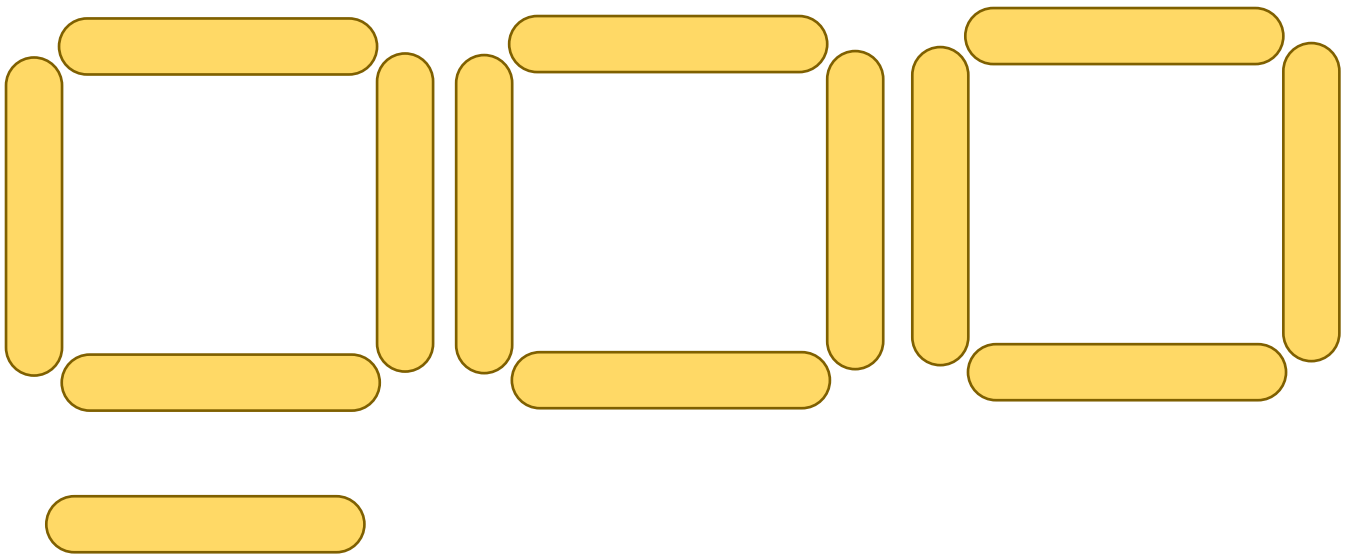




For this activity you will need 13 lollipop sticks.



Use the lollipop sticks to form squares.



Complete the table

Number of lollipop sticks	Diagram	Complete Squares	Left over
12		3	0
13		3	1
14			
15			
16			
17			
18			
19			
20			

What do you notice about the numbers in the left over column? Can you explain the pattern?

Can you explain why the number in the left over column cannot be greater than 3?