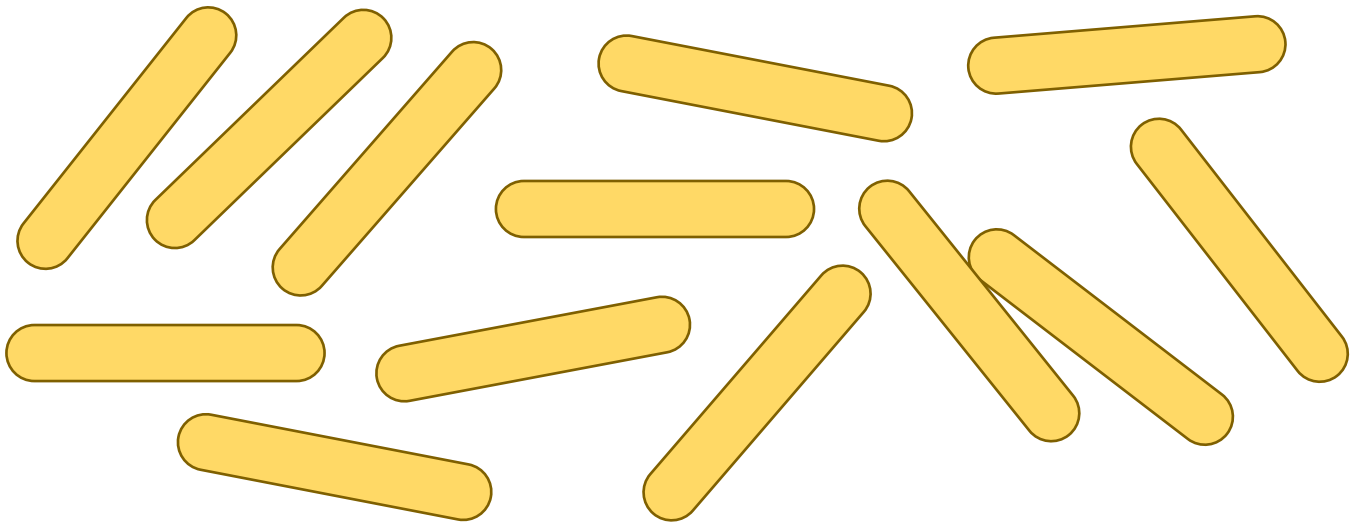
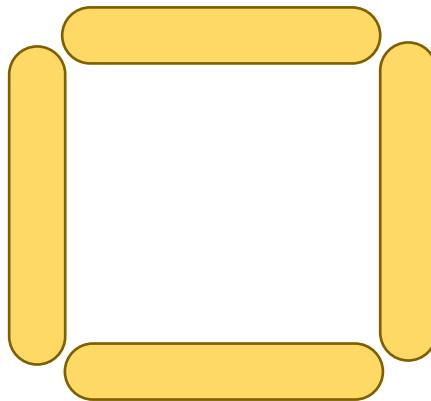


# Division

For this activity you will need 13 lollipop sticks.



Use the lollipop sticks to form squares like this.





How many can you make?

How many lollipop sticks do you have left over?

What division calculation have you done?

Complete the table

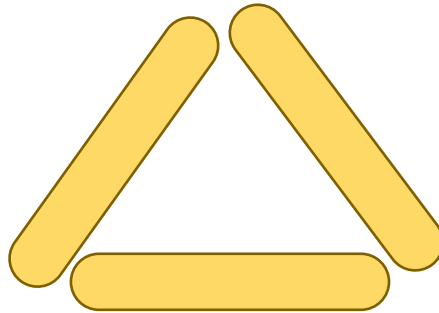
Number of lollipop sticks	Diagram	Complete Squares	Left over
12		3	0
13		3	1
14			
15			
16			
17			
18			
19			
20			

Can you explain the pattern of numbers in the 'left over' column?

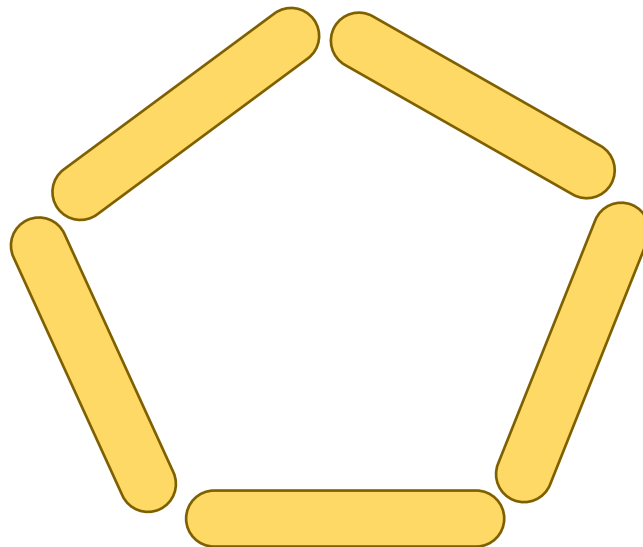
Can you explain why the number in the 'left over' column cannot be greater than 3?

Investigate what happens if you make triangles from the sticks..

Record your results in a similar table.



What happens if you make pentagons from the sticks?



What do you notice?