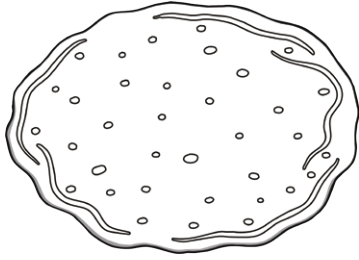
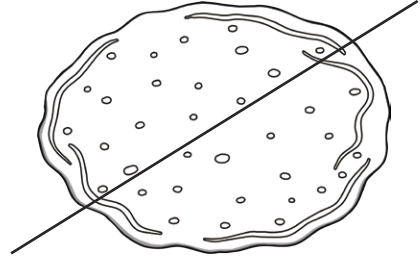


Pancakes

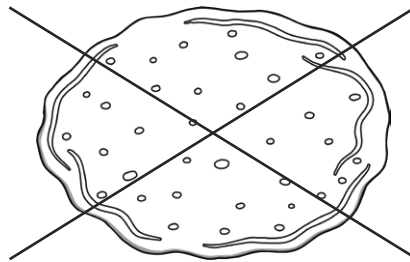
Here are some pancakes. Each pancake has a number of cuts. Every cut must cross all of the other cuts but the pieces of pancake can be different shapes and sizes.



The first pancake is not cut.
It is in 1 piece.



The second pancake has 1 cut.
It is in 2 pieces.



The third pancake has 2 cuts. How many pieces are created?

Complete the table for each additional cut.

Number of Cuts	Number of Pieces
0	1
1	2
2	
3	

Can you spot the pattern?

Predict how many pieces for the next cut and test your prediction here:

Pancakes **Answers**

Number of Cuts	Number of Pieces
0	1
1	2
2	4
3	7
4	11
5	16
6	22

The number of pieces cumulatively increases the previous amount of pieces, e.g. +1, +2, +3, +4 etc.