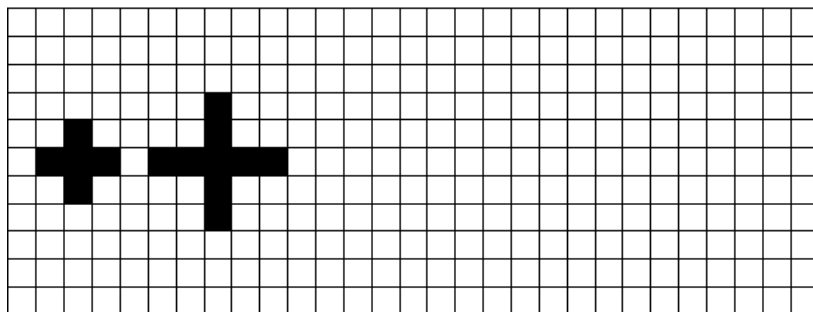


Cross pattern

This task is about completing a spatial pattern and writing a rule.

a) Draw in the next two crosses in this pattern.



Cross 1

Cross 2

b) Complete the table to show the total number of squares in each cross.

	Cross 1	Cross 2	Cross 3	Cross 4
Number of squares across	3	5	7	9
Total number of squares	5	9		

c) Complete the following sentence to show the rule for finding out how many squares make up different sized crosses.

"Multiply the number of squares across by ___ and then subtract ___".

Use this rule to find out the total number of squares in a cross with 101 squares across.

d) _____ squares