

Growing leaves

This task is about a rule for continuing patterns.



Tua planted a tree which had two leaves on it. Each day he counted the number of leaves it had grown and wrote this number in a table.

Tua saw a pattern in the number of leaves the plant grew each day.

a) What is the rule for this pattern? Write it down.

b) Use your rule to fill in the gaps in the table to show the number of leaves there would be on the plant for the next five days.

Day	Number of leaves
1	2
2	5
3	8
4	11
5	<input type="text"/>
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>
9	<input type="text"/>