## Stick patterns and rules II

This task is about describing rules for spatial patterns.
Some patterns have been made up from ice block sticks.


Shape 1


Shape 2


Shape 3

How many ice cream sticks will be needed to make Shape 4 of this pattern?
Describe how to work out how many ice block sticks are needed to make any bigger shapes (for example Shape 10 or Shape 100).


Shape 1


Shape 2


Shape 3

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