

Block patterns II

This task is about continuing spatial patterns and finding rules to continue them.

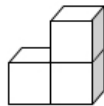
Practical Task

The picture below shows how multi-link cubes have been used to build this growing sequence of steps.

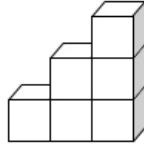
Using multi-link cubes build the next 2 models in the sequence. When you have finished show them to your teacher.



Step 1



Step 2



Step 3

Step 4

Step 5

a) How many cubes did it take to build each step model?

Write this information on the table below. The first one has been done for you.

Steps	1	2	3	4	5
Number of cubes	1				

b) Use the information you have recorded above to finish the table below.

Step	6	7	8
Number of cubes			

c) How many cubes would it take to build step model 26? _____