

# Supermarket patterns

This task is about plotting a graph from a chart.

Abby is stacking baked bean cans for a supermarket display. The table below shows the total number of cans she uses for stacks of different heights.



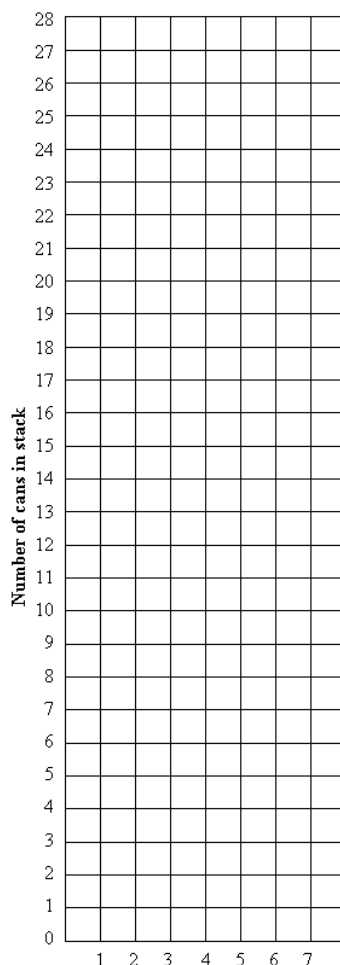
Height of stack	1	2	3	4	5	6	7	8	9	10	11	12
Total number of cans in the stack	1	3	6	10	15	21	28					

a) Complete the table above to show the total number of cans in each stack.

b) Describe the rule you used to complete the table.

c) Use the information in a) to plot the points showing the total number of cans in each stack up to 7 cans high.

## The relationship between the Number of cans used and the Height of each Stack



Number of cans high