Supermarket patterns

This task is about plotting a graph from a chart.

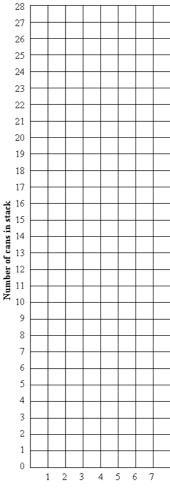
Abby is stacking baked bean cans for a supermarket display. The table below shows the total number of cans she uses for stacks of different heights.



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