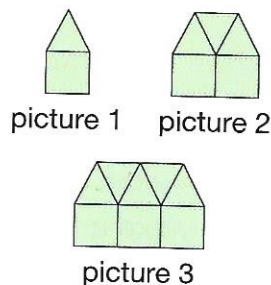


5. a) Describe how each picture is made from the one before.  
 b) Make a table to record the number of triangles, the number of squares, and the total number of triangles and squares in each picture.  
 c) Which picture has 15 triangles? How many triangles and squares does it have altogether?

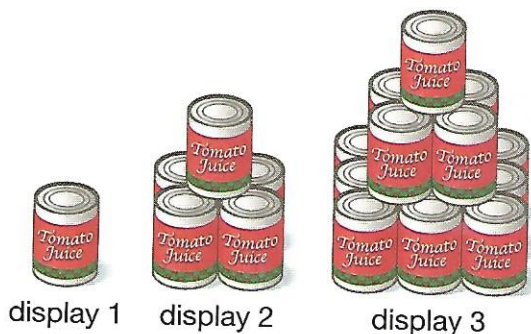


6. Find the sum of the first 100 even numbers, starting at 2.

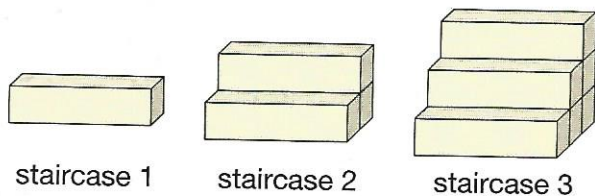
7. How many labels are there?  
Show your work.



8. a) Describe how each display of cans is made from the one before.  
 b) Make a table to record the number of cans added each time and the total number of cans in each display.  
 c) Predict the number of cans on the bottom row of display 6. How many cans are there altogether?



9. a) Mona is building a staircase of blocks. She says she needs exactly 47 blocks to make a staircase 9 blocks high. Can you tell if she's right without building the staircase? Explain.  
 b) Predict the height of the staircase Mona could make with 25 blocks. Test your prediction.



10. a) Create a spreadsheet to show the **multiples** of 6 from 6 to 90.  
 b) Create another column in your spreadsheet to show the multiples of 4 from 4 to 60.  
 c) Identify the multiples that are on both lists.