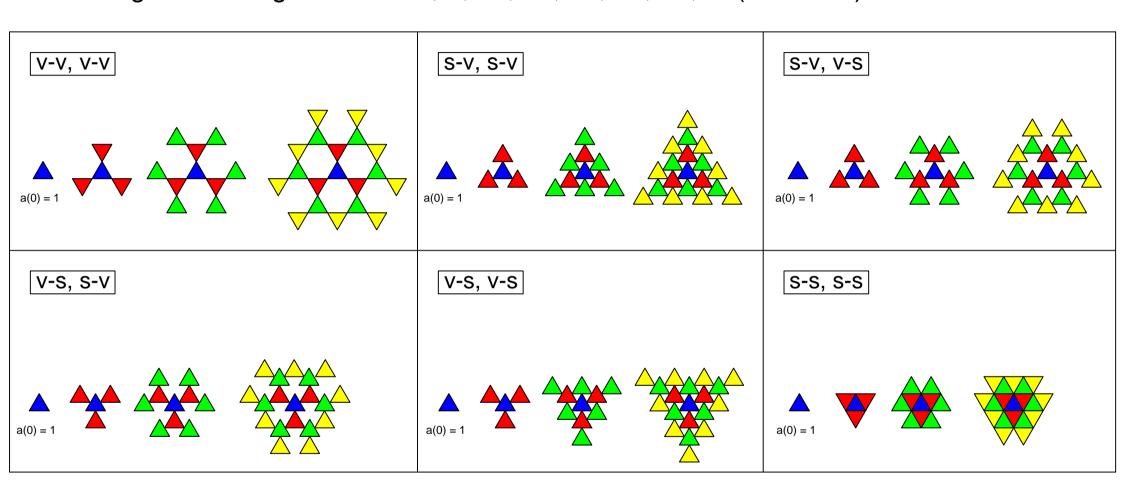
Triangles added in n-th generation: 1, 3, 6, 9, 12, 15, 18, ... (A008486) Total triangles in n-th generation: 1, 4, 10, 19, 31, 46, 64, ... (A005448)



[x-x, y-y] x-x = odd n-th generation, <math>y-y = even n-th generation.

The expansion version:

v-v = vertex to v-s = vertex to side

s-v = side to vertex s-s = side to side