1) 4, 7, 10,

Term Number	Term (# of toothpicks)
1	4
2	7
3	10
4	13
5	16
6	19
7	22
8	25

The 15th term will be:

28, 31,34,37,40,43, 46

To find the next term, take the previous term and add 3 to it.

Du-uh!