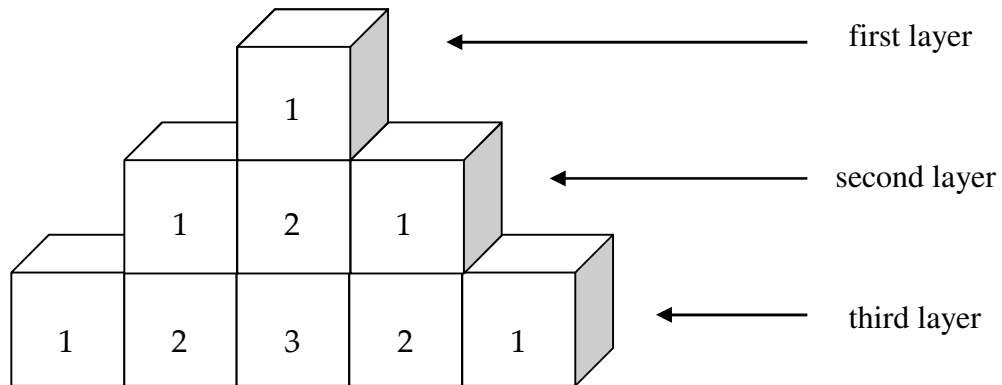


Written Test

Sample (6)

The number blocks are arranged as follows:



The sum of the numbers on the second layer is $1 + 2 + 1 = 4$. It is given that more layers will be arranged in a similar way.

- (a) What is the sum of the numbers shown on the blocks on the 12th layer?

Answer: The sum is _____.

- (b) What is the sum of the numbers shown on the blocks on the 2009th layer?

Answer: The sum is _____.