[**Sum of Areas of Rectangles possible for an array**](https://www.geeksforgeeks.org/sum-area-rectangles-possible-array/)

Given an array, the task is to compute the sum of all possible maximum area rectangles which can be formed from the array elements. Also, you can reduce the elements of the array by at most 1.

**Input:** a = {10, 10, 10, 10, 11, 10, 11, 10}  
**Output:** 210  
**Explanation:**   
We can form two rectangles one square (10 \* 10)   
and one (11 \* 10). Hence, total area = 100 + 110 = 210.

**Input:** a = {3, 4, 5, 6}  
**Output:** 15  
**Explanation:**   
We can reduce 4 to 3 and 6 to 5 so that we got   
rectangle of (3 \* 5). Hence area = 15.

**Input:** a = {3, 2, 5, 2}  
**Output:** 0