

## Maximum Area of a Piece of Cake After Horizontal and Vertical Cuts (/contest/weekly-contest-191/problems/maximum-area-of-a-piece-of-cake-after-horizontal-and-vertical-cuts/)

### Submission Detail

52 / 53 test cases passed.

Status: **Wrong Answer**

Submitted: 54 minutes ago

Input: **1000000000**  
**1000000000**  
**[591015057,176484069,195962145,951546667,439279063,998302483,6594...**  
**[792989830,499549413,794617178,574089005,411436182,921342115,9460...**

Output: **13755333066**

Expected: **755332975**

Submitted Code: 54 minutes ago

Language: javascript


Edit Code

```
1  /**
2   * @param {number} h
3   * @param {number} w
4   * @param {number[]} horizontalCuts
5   * @param {number[]} verticalCuts
6   * @return {number}
7   */
8  const maxArea = (h, w, horizontalCuts, verticalCuts) => {
9      let x = Number.MIN_VALUE;
10     let y = Number.MIN_VALUE;
11     horizontalCuts.sort((a, b) => b - a);
12     verticalCuts.sort((a, b) => b - a);
13     for (let i = 1; i < horizontalCuts.length; i++) {
14         x = Math.max(horizontalCuts[i - 1] - horizontalCuts[i], x);
15     }
16     x = Math.max(h - horizontalCuts[0], x);
17     x = Math.max(horizontalCuts[horizontalCuts.length - 1] - 0, x);
18     for (let i = 1; i < verticalCuts.length; i++) {
19         y = Math.max(verticalCuts[i - 1] - verticalCuts[i], y);
20     }
```



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