5481. Minimum Numbers of Function Calls to Make Target Array

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User Accepted:	1277
User Tried:	1653
Total Accepted:	1298
Total Submissions:	2149
Difficulty:	Medium

```
func modify(arr, op, idx){
    //add by 1 index idx
    if (op == 0) {
        arr[idx] = arr[idx] + 1
    }
    //multiply by 2 all elements
    if (op == 1) {
        for(i = 0; i < arr.length; i++) {
            arr[i] = arr[i] * 2
        }
    }
}
```

Your task is to form an integer array `nums` from an initial array of zeros `arr` that is the same size as `nums`.

Return the minimum number of function calls to make `nums` from `arr`.

The answer is guaranteed to fit in a 32-bit signed integer.

Example 1:

```
Input: nums = [1,5]
Output: 5
Explanation: Increment by 1 (second element): [0, 0] to get [0, 1] (1 operation).
Double all the elements: [0, 1] –> [0, 2] –> [0, 4] (2 operations).
Increment by 1 (both elements)  [0, 4] –> [1, 4] –> [1, 5] (2 operations).
Total of operations: 1 + 2 + 2 = 5.
```

Example 2:

```
Input: nums = [2,2]
Output: 3
Explanation: Increment by 1 (both elements) [0, 0] --> [0, 1] --> [1, 1] (2 operations).
Double all the elements: [1, 1] --> [2, 2] (1 operation).
Total of operations: 2 + 1 = 3.
```

Example 3:

```
Input: nums = [4,2,5]
Output: 6
Explanation: (initial)[0,0,0] --> [1,0,0] --> [1,0,1] --> [2,0,2] --> [2,1,2] --> [4,2,4] --> [4
```

Example 4:

```
Input: nums = [3,2,2,4]
Output: 7
```

Example 5:

```
Input: nums = [2,4,8,16]
Output: 8
```

Constraints:

- `1 <= nums.length <= 10^5`
- `0 <= nums[i] <= 10^9`

JavaScript ▼

```javascript
1 ▾ /**
2    * @param {number[]} nums
3    * @return {number}
4    */
5 ▾ var minOperations = function(nums) {
6
7   };
```

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