[B - Count Triplets](https://vjudge.net/problem/HackerRank-count-triplets-1" \t "_blank)

 You are given an array and you need to find number of tripets of indices (i, j, k) such that the elements at those indices are in geometric progression for a given common ratio r and i < j < k.

**Example**

arr = [1,4,16,64] r = 4

There are [1, 4, 16] and [4, 16, 64] at indices (0, 1, 2) and (1, 2, 3). Return 2.

**Function Description**

Complete the countTriplets function in the editor below.

countTriplets has the following parameter(s):

* int arr[n]: an array of integers
* int r: the common ratio

Returns

* int: the number of triplets

**Input Format**

The first line contains two space—separated integers n and r, the size of arr and the common ratio.

The next line contains n space—separated integers arr[i].

**Constraints**

* 1 <= n <= 105
* 1 <= r <= 109
* 1 <= arr[i] <= 109

**Sample Input 0**

4 2

1 2 2 4

**Sample Output 0**

2

**Explanation 0**

There are 2 triplets in satisfying our criteria, whose indices are (0, 1, 3) and (0, 2, 3)

**Sample Input 1**

6 3

1 3 9 9 27 81

**Sample Output 1**

6

**Explanation 1**

The triplets satisfying are index (0, 1, 2), (0, 1, 3), (1, 2,4), (1, 3, 4), (2, 4, 5) and (3, 4, 5).

**Sample Input 2**

5 5

1 5 5 25 125

**Sample Output 2**

4

**Explanation 2**

The triplets satisfying are index (0, 1, 3), (0, 2, 3), (1, 3, 4), (2,3,4).