

Problem 114: Round 'Em Up

Difficulty: Easy

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Problem Background

Your team is designing a set of cases to hold tools produced by your company. You want to make sure the tools fit within their cases, but also want to save on materials, so you're going to round each dimension of the tool (height, width, length) up to the next even number.

Problem Description

Your program will be given the maximum dimensions of the tool you're working with. For each dimension, if the value given is odd, add one to it; if the value is even, add two to it. You then must print the calculated dimensions of the case.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include three positive integers, separated by spaces, representing the height, width, and length of the tool (respectively).

```
3
2 3 5
3 2 1
4 2 9
```

Sample Output

For each test case, your program must output the calculated height, width, and length of the case on a single line, with each value separated by spaces.

```
4 4 6
4 4 2
6 4 10
```