Day 1: Arithmetic Operators

Objective

In this challenge, we practice using arithmetic operators. Check out the attached tutorial for resources.

Task

Complete the following functions in the editor below:

1. getArea(length, width) : Calculate and return the *area* of a rectangle having sides $length$ and $width$.

2. getPerimeter(length, width) : Calculate and return the *perimeter* of a rectangle having sides $length$ and $width$.

The values returned by these functions are printed to stdout by locked stub code in the editor.

Input Format

getArea		
Data Type	**Parameter**	**Description**
Number	length	A number denoting the length of a rectangle.
Number	height	A number denoting the height of a rectangle.

getPerimeter(length, height)		
Data Type	**Parameter**	**Description**
Number	length	A number denoting the length of a rectangle.
Number	height	A number denoting the height of a rectangle.

Constraints

- $1 \leq length, width \leq 1000$

- $length$ and $width$ are scaled to *at most* three decimal places.

Output Format

Function	Return Type	Description
getArea	Number	The area of a rectangle having sides $length$ and $width$.
getPerimeter	Number	The perimeter of a rectangle having sides $length$ and $width$.

Sample Input 0

```
3
4.5
```

Sample Output 0

```
13.5
15
```

Explanation 0

The area of the rectangle is $length \times width = 3 \times 4.5 = 13.5$.

The perimeter of the rectangle is $2 \cdot (length + width) = 2 \cdot (3 + 4.5) = 15$.

```
31    *    Return a number denoting the rectangle's area.
32  **/
33  function getArea(length, width) {
34      let area = length*width    ;
35      //if()
36
37
38      return area;
39  }
40
41
42  function getPerimeter(length, width) {
43      let perimeter = 2*( length+width );
44
45
46      return perimeter;
47  }
```

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⬆ Upload Code as File   ☐ Test against custom input   Run Code   **Submit Code**