

2.23 LAB: TV screen dimensions

Given two numbers that represent the length and width of a television screen, output the length of the diagonal (from corner to corner) with two digits after the decimal point.

You can use this formula: $\text{diagonal} = \text{the square root of: } (\text{length squared} + \text{width squared})$.

Use `fixed` and `setprecision` to output exactly 2 digits after the decimal point.

For full credit you must use **two** functions from the Math library.

Ex: If the input is:

```
3.0 4.0
```

the output is:

```
Diagonal: 5.00
```