

17 How long is your TV?

7 points

Introduction

You want to buy a TV in and the information they give you in a shop are: inches of the TV-screen (diagonal), aspect ratio of the width and height of the TV and the width of the TV-frame in centimeters. When you arrive at home, you don't know if the TV would fit in your TV-cabinet so you write a program to figure it out.

NOTE: 1 inch = 2.54cm

Input

The input of the program consist in three lines: fist line are your tv inches (always a real number), second line is the aspect ratio (16:9, 4:3, ...) separately by ':' and third line how wide is the edge. I.e.: The input of a 55" TV with 16:9 aspect ratio and a 1.5cm of edge.

```
55
16:9
1.5
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Output

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124.8x71.5cm
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