# Gift Box Coverage



Create a program that **calculates** what **percentage** you can cover of a **6-sided gift box (all sides are equal and square)**. **First**, you will **receive** the size of a side. Also, you will **receive** the **sheets** of paper you have. Last, you will receive how much **area** covers a **single sheet** of paper.

First, you need to **calculate** the **area** of the **gift** **box**. Then you have to **calculate how much area** you can cover with the **paper available**. Keep in mind that every **third** **sheet** covers only 25% of the usual area. You have to calculate what **percentage** **of the gift box you’ve covered**. **Percentage can exceed 100%!**

In the end, print the percentage of the area covered, **formatted** to the **2nd decimal place**, in the following format:

**"You can cover {percentage}% of the box."**

## Input

* On the **1st line** you will receive the **size of a side** – a **real number** in the range [0.0…50.0]
* On the **2rd line** you will receive the **number of** **sheets of paper** – an **integer number** in the range [0…1000]
* On the **3th line** you will receive the **area** a **single sheet** of paper **covers** – a **real number** in the range[0.0…50.0]
* The input will always be in the right format.

## Output

* In the end print the **percentage** of **the area covered** **formatted** to **the 2nd** decimal place in the format described above.

## Constraints

* Percentage **can** **be** **over** **100**%.
* All numbers are **centimeters**.

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 5 30 4 | You can cover 60.00% of the box. |
| **Comments** | |
| The size of a side is 5. We have 6 sides, so the area is 5 \* 5 \* 6 = 150. 20 of sheets will cover 4 centimeters and 10 – 1 cm. The total area covered is 90, which is 60% of the total area. | |
|  | |
| 2.5  32  4.25 | You can cover 277.67% of the box. |

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