Q1 - Calculate volume

We want you to use virtual function to practice polymorphism.

Input Format

We performs three shapes: cuboid, pyramid and sphere. The input is the parameters of the three shapes. All of the input is a float. cuboid : length, width and height pyramid : area of base, height sphere : radius

Here's the formula used to calculate their volume. cuboid : length * width * height pyramid : area of base * height / 3 sphere : 4/3 * radius^3 * 3.14

Constraints

Do not modify the main function and the class Shape.

Output Format

Output is the volume of the three shapes.

Sample Input 0

```
20 10 5.5
15 4
6
```

Sample Output 0

```
1100
20
904.32
```