```
Let's do some geometry. This program will compare the area of two triangles and determine if they are equal within 0.01 sq. units. Enter triangle 1's three side lengths, separated by spaces.
The lengths must make a valid triangle.
3 4
The lengths must make a valid triangle.
3 4 5
Enter triangle 2's three side lengths, separated by spaces.
The lengths must make a valid triangle.
6 7 8
The second triangle is 14.333 bigger than the first
Let's do some geometry. This program will compare the area of two triangles and determine if they are equal within 0.01 sq. units. Enter triangle 1's three side lengths, separated by spaces.
The lengths must make a valid triangle.
3 4 5
Enter triangle 2's three side lengths, separated by spaces.
The lengths must make a valid triangle.
3 4 5
The two triangles have essentially the same area because their difference is 0.0 which is less than the permitted TOLERANCE of 0.01
Let's do some geometry. This program will compare the area of two triangles and determine if they are equal within 0.01 sq. units. Enter triangle 1's three side lengths, separated by spaces.
The lengths must make a valid triangle.
3.001 4 5
Enter triangle 2's three side lengths, separated by spaces.
The lengths must make a valid triangle.
3 4 5
The two triangles have essentially the same area because their difference is 0.0020 which is less than the permitted TOLERANCE of 0.01
Let's do some geometry. This program will compare the area of two triangles and determine if they are equal within 0.01 sq. units. Enter triangle 1's three side lengths, separated by spaces.
The lengths must make a valid triangle.
6 7 8
Enter triangle 2's three side lengths, separated by spaces.
The lengths must make a valid triangle.
1 2 3
The lengths must make a valid triangle.
```