

Q1. Given a right-angled triangle with sides **a = 7**, and **b = 5** calculate another side **c** of the same triangle.

```
import math
```

```
result = math.sqrt()
```

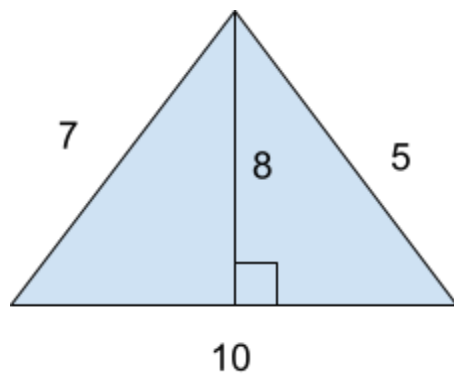
Q2. Calculate the sum of the first **n natural** numbers where **n=100**

Q3. Calculate the area of a circle whose radius is **7 cm**

PI=3.14

Q4. Find the circumference of a circle whose radius is **7 cm**

Q5. Given a triangle below calculate its perimeter



Q6. Find an area of a triangle given in Q5

Take Home Test

Q1. Solve at least **10 math formulae** that you like for instance squares, rectangles, or formulae from your own domain.

Tools:

<https://replit.com/lm/python3> - Online Editor