

# Solution Sheet 1.0

**Problem description:** Calculate the area of a circumference, a rectangle, a square and a triangle.

Size: Medium

Domain: Mathematics

Complexity: Medium

**Black Box**

Enter the radius of the  
circumference,  $r$

Enter the base and height  
of the rectangle,  $b$  and  $h$

Enter a side of the square,  
 $a$

Enter the base and height  
of the triangle,  $b$  and  $h$



The area of the  
circumference is:  $\pi r^2$

The area of the rectangle  
is:  $b \cdot h$

The area of the square is:  
 $a \cdot a$

The area of the triangle  
is:  $b \cdot h / 2$

**Variable type: Decimal**

Python variables type: Float

