

Q9 = """Inheritance: By using the concept of inheritance write a python program to find the area

of triangle, circle and rectangle."""

print(Q9)

import math

def area_of_triangle(base, height):

return 0.5 * base * height

def area_of_circle(radius):

return math.pi * radius ** 2

def area_of_rectangle(length, width):

return length * width

Example usage:

print("Area of triangle:", area_of_triangle(5, 10)) # base=5, height=10

print("Area of circle:", area_of_circle(7)) # radius=7

print("Area of rectangle:", area_of_rectangle(4, 8)) # length=4, width=8

Inheritance: By using the concept of inheritance write a python program to find the area of triangle, circle and rectangle.

Area of triangle: 25.0

Area of circle: 153.93804002589985

Area of rectangle: 32