

# Coding Challenge #5: Circumference and Area of a Circle

In this coding exercise, you will write a program that will take the radius of a circle and return its circumference and area.

## WE'LL COVER THE FOLLOWING ^

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## Problem Statement #

Write a program containing two functions to calculate the circumference and area of a circle defined by its radius. Here are some tips for solving this exercise:

- Circumference and area calculation formulas should be part of your secondary school memories... Or a Google click away :)
- The value of number  $\pi$  (Pi) is obtained with `Math.PI` in JavaScript.
- You might want to use the [exponentiation operator](#) `**` to perform computations.

## Input #

```
circumference(2);  
circumference(12);  
  
area(20);  
area(4);
```

## Expected Output

```
12.566370614359172
75.39822368615503

1256.6370614359173
50.26548245743669
```

## Coding Exercise #

```
function circumference(radius){
}

function area(radius){
}
```

