**AREA OF A CIRCLE:**

The area of a circle is equal to the pi (**π**) multiply by the square of the radius of the circle

That is,

**Area = π · r2**

Where **π** is equal to the value of **3.14159265.**

So, in order to find the area of the circle you must know the radius or the diameter of the circle.

That is,

**Area of circle = π · r2**

**Area of circle = π · (d/2)**

As, d/2 is also equivalent to the radius of the circle.

**d/2 = r**

We can also find the area of the circle by the circumference of the circle.

As we know the circumference of the circle is equal to the two times of product of pi (**π**) and the radius of the circle.

That is,

**C = 2 πr**

Circumference is basically the length when measured through the boundary of a circle.