



## For solving the Area of a Circle ( Using Radius and Diameter)

1. START
2. Identify the variables needed, in this case, the radius, Pi, and Area of a circle
3. Set the pi to 3.14 (for the decimal places to be limited)
4. Use the given radius and substitute to the formula  $\text{Area} = \pi(r)^2$
5. If opted to use diameter or for some cases the radius is unknown, use the formula  $\text{Area} = \pi(d/2)^2$
6. Perform the operations following the PMDAS rule.
7. Print the answer.
8. If wanted to start over again start with procedure 1.
9. If not, END or TERMINATE.

