## Circle

Create a **class Circle**. In the **\_\_init\_\_** method the circle should only receive **one parameter** - its **diameter**. Create a class attribute called **\_\_pi** that is equal to **3.14**. The class should also have the following methods:

* **calculate\_circumference()** - returns the circumference of the circle
* **calculate\_area()** - returns the area of the circle
* **calculate\_area\_of\_sector(angle)** - gives the central angle in degrees, returns the area that fills the sector

***Notes: Search the formulas in the internet. Name your methods and variables exactly as in the description! Submit only the class. Test your class before submitting!***

### Example

|  |  |
| --- | --- |
| **Test Code** | **Output** |
| circle = Circle(10)  angle = 5  print(f"{circle.calculate\_circumference():.2f}")  print(f"{circle.calculate\_area():.2f}")  print(f"{circle.calculate\_area\_of\_sector(angle):.2f}") | 31.40  78.50  1.09 |