```python
import math

# Get radius from user as float
radius = float(input("What is the radius of the circle? "))

#Calculate diameter
diameter=2 * radius

#Calculate circumference
circumference= 2 * math.pi * radius

#Calculate area
area= math.pi * radius ** 2

# Display values to user
print(f"The diameter of the circle is {diameter:.1f}")
print(f"The diameter of the circle is {circumference:.2f}")
print(f"The diameter of the circle is {area:.3f}")
```