Circles...pre-test questions:

Name: Date:

a. If the radius of a circle is 5 cm, what is the circumference and area?

b. If the area of a circle is 50.24 m², what is the radius and diameter?

c. If the circumference of a circle is 37.68mm, what is the radius and diameter?

d. If a circle has a radius of 3 meters, a second circle's radius is 6 meters,a third circle's radius is 9 meters, and a fourth circle's radius is 12 meters. Is there a pattern when comparing the circumference and area of each? Solve for each using the space below then fill them into the following table to compare them.

	Circumference	Area
3 meters		
6 meters		
9 meters		
12 meters		

e. If the circumference of a circle is 40.82 meters, what is this circle's area?