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Homework #100 –Using Area and Circumference

**Directions:** Find the area or circumference of the following circles by using an equation and solving algebraically. Use 3.14 for π. Round answers to the nearest tenth.

1. A clock face has a circumference of 39.88 cm. What is the area of the clock?



1. Find the circumference of the following circle.
2. The area of a circular floor carpet is 1243.47 cm2. Find the circumference of the floor carpet.
3. Find the circumference of the following circle in terms of π.



 A= 4π in.2

1. The circumference of a circle is 5π cm. Find the measure of the area. Use 3.14 for π.
2. The circumference of the frisbee is 14π in. Find the area of the Frisbee.



1.  Find the perimeter of the following figure to the nearest tenth.