

**Problem Solving with Circles**

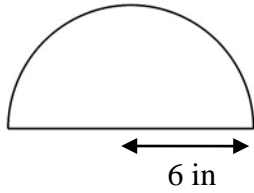
1. The circumference of a circle is 47.1 in. What is its diameter? Use  $\pi = 3.14$ .

2. What is the radius of a circle with a circumference of 25.12 m? Use  $\pi = 3.14$ .

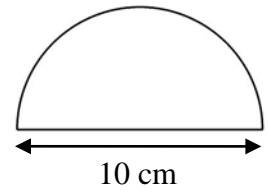
3. The area of a circle is 153.86 in<sup>2</sup>. What is its radius? Use  $\pi = 3.14$ .

4. The area of a circle is 42 m<sup>2</sup>. What is its diameter?

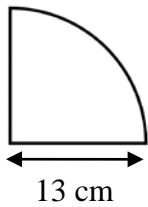
5. Determine the area of the following figure.



6. Determine the area and perimeter of the given figure.



7. Determine the area of the following figure.



8. Determine the area and perimeter of the given figure.

