Find the circumference of each circle. Use 3.14 or \( \frac{22}{7} \) for \( \pi \). Round to the nearest tenth if necessary.

4. \[ \text{8 ft} \]

6. \[ \text{3.5 mi} \]

Find the circumference of each circle. Use 3.14 or \( \frac{22}{7} \) for \( \pi \).

22. \[ \text{5 in.} \]

24. \[ \text{\( \frac{14}{15} \) in.} \]

The largest tree in the world by volume is in Sequoia National Park. The diameter at the base is 36 feet. If a person with outstretched arms can reach 6 feet, how many people would it take to reach around the base of the tree? (Example 4)

8. The Bolkanp shield volcano is located in the Cascade Range in Oregon. The volcano is circular and has a diameter of 5 miles. What is the circumference of this volcano? Round your answer to the nearest tenth? (Example 4)

Find the distance around each figure. Use 3.14 for \( \pi \).

13. \[ \text{100 cm} \]

14. \[ \text{5 ft} \]

[Diagram of a rectangle with dimensions given]
Find the area of each circle. Round to the nearest tenth. Use 3.14 or $\frac{22}{7}$ for $\pi$. (Examples 1–3)

1. 

2. 

Find the area of each circle. Round to the nearest tenth. Use 3.14 or $\frac{22}{7}$ for $\pi$.

20. 

22. 

7. Refer to the pets problem at the beginning of this lesson. Find the area, to the nearest tenth, of grass that Adrienne’s dog may run in if the leash is 9 feet long. (Example 3)

8. A rotating sprinkler that sprays water at a radius of 11 feet is used to water a lawn. Find the area of the lawn that is watered. Use 3.14 for $\pi$. (Example 3)

26. Find the area of the Girl Scout patch shown if the diameter is 1.25 inches. Round to the nearest tenth.