REVIEW: Circles and Circumference
Name $\qquad$

## Skill Examples

1. 


$C=2 \pi(2.4)$
$=4.8 \pi$
$\approx 15.1 \mathrm{in}$.
2.

$C=\pi\left(\frac{3}{4}\right)$
$\approx 2.4 \mathrm{ft}$

## PRACTICE makes PURR-FECT ${ }^{\text {m }}$

## Application Example

3. Find the distance around the soccer ball.

$$
\begin{aligned}
C & =\pi(22.3) \\
& \approx 70.0 \mathrm{~cm}
\end{aligned}
$$



Find the circumference. Round your answer to the nearest tenth.
4.

5.

6.


Circumference $\approx 14.4 \mathrm{in}$.
Circumference $\approx \underline{24,884.5} \mathrm{mi}$ Circumference $\approx \underline{9.0 \mathrm{in} .}$


Circumference $\approx 25.7 \mathrm{~cm}$
8.


Circumference $\approx 2.6$ in.
9.


Circumference $\approx \underline{7.9 \mathrm{ft}}$
10. RACETRACK A circular racetrack has a circumference of one mile. What is the diameter of the racetrack in feet? $\qquad$
11. OLD OAK TREE You have 110 inches of yellow ribbon. The diameter of the old oak tree is 38 inches. Do you have enough yellow ribbon to wrap around the old oak tree? Explain. no; The circumference of the tree is $\pi(38) \approx 119.3>110$.

