

RSCS

Class: _____

#1-6
DUKE

Name: _____

Date: _____

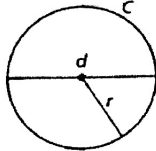
The distance around a circle is called the **circumference**. The ratio $\frac{\text{circumference}}{\text{diameter}}$ is the same for *every* circle and is represented by the Greek letter π , called **pi**. The value of π can be approximated as 3.14 or $\frac{22}{7}$.

Key Idea

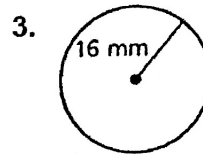
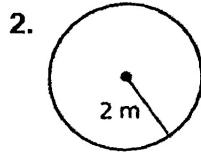
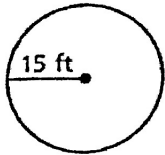
Circumference of a Circle

Words The circumference C of a circle is equal to π times the diameter d or π times twice the radius r .

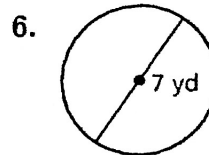
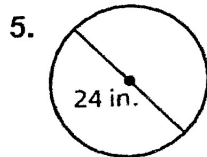
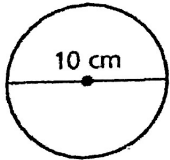
Algebra $C = \pi d$ or $C = 2\pi r$



Find the diameter of the circle.



Find the radius of the circle.



Find the circumference of the circle. Use 3.14 or $\frac{22}{7}$ for π .

