Section Overview



Lesson 9-3

Area and Circumference of Circles







Circumference	Area
$C = \pi d$, or $2\pi r$	$A=\pi r^2$
$= \pi(10)$	$= \pi(5)^2$
≈ 3.14(10)	≈ 3.14(25)
≈ 31.4 cm	≈ 78.5 cm ²

Use 3.14 or
$$\frac{22}{7}$$
 to approximate π .



A **central angle** of a circle has sides that are radii of the circle.

A **sector** of a circle is enclosed by two radii and the **arc** connecting them.

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