The Circle Unit (Unit 6)   Name:
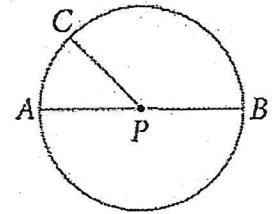   Notes

In a plane, a _____ is the set of all points equidistant from a given point called the _____.
You name a circle by its center. Circle P, $(\odot P)$s shown at the right.

A _____ is a segment that has one endpoint at the center and the other
endpoint on the circle. $\overline{PC}$ is a radius. $\overline{PA}$ and $\overline{PB}$ are also radii.
_____ _____ have congruent radii.

A _____ is a segment that contains the center of a circle and has both endpoints on the circle.
$\overline{AB}$ is a diameter.

A _____ _____ is an angle whose vertex is the center of a circle. $<CPA$ is a central
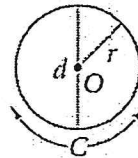angle.

Circumferences of a Circle

Theorem 10-9	Circumference of a Circle
	The circumference of a circle is π times the diameter.
	$C = \pi d$ or $C = 2\pi r$

Find the circumference of each given circle. Leave your answers in terms of π.

1) 20 cm

2) 3 ft

3) 14 in.