NAME kbzoom DATE _____ PERIOD _____

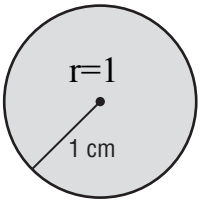
# Lesson 2 Skills Practice

A=pi x r x r

## *Area of Circles*

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

**1.**

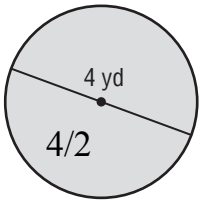



A=1 x 1

$A = 1\,(\pi)$

$A = 3.14cm^2$

**2.**

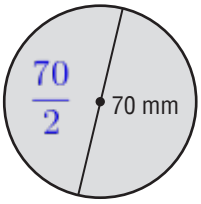



A=2 x 2 x 3.14

A=4 x pi

A=12.56=12.6 $yd^2$

**3.**

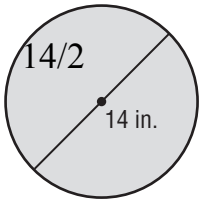



A= 35 x 35 x 3.14

A=1225 x pi

A=3846.5 = 38.47$mm^2$

**4.**

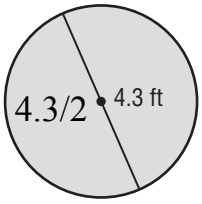



A=7 x 7 x 3.14

A=49 x (pi)

A=153.86=153.9 $in^2$

**5.**

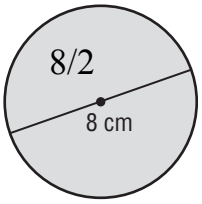



A=2.15 x 2.15 x pi

A=4.6225 x pi

A=14.51465=14.5 $ft^2$

**6.**




A=4 x 4 x 3.14

A=16 x pi

A=50.24=50.2 $cm^2$

**7.** radius = 5.7 mm

A=5.7 x 5.7 x pi

A=32.49 x pi

A=102.0186 =102 $mm^2$

**8.** radius = 8.2 ft

A=8.2 x 8.2 x pi

A=67.24 x pi

A=211.1336=211.0 $ft^2$

**9.** diameter = 3 in.

A=1.5 x 1.5 x pi

A=2.25 x pi

A=7.065 =.7.1 $in^2$

**10.** diameter = 15.6 cm

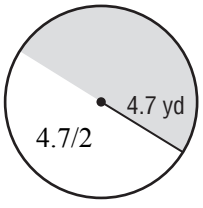
A=7.8 x 7.8 x pi

A=60.84 x pi

A=191. $cm^2$

**Find the area of each semicircle. Round to the nearest tenth.**
**Use 3.14 for π.**

**11.**

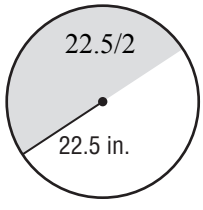



A=2.35 x 2.35 pi

A=-5.5225 x pi $yd^2$

A=17.34065= 17.3

**12.**




A=11.25 x 11.25 x pi

A=126.5625 x 3.14

A=397.4 $in^2$