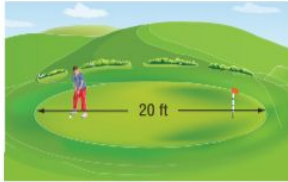Recall:

Circumference of a Circle =

Area of a Circle =
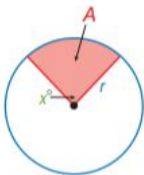
1. What is the area of the circular putting green shown to the nearest square foot?

2. Find the radius of a circle with area 95 square centimeters.
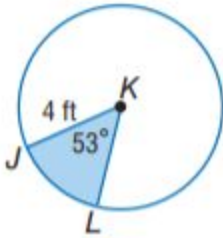
Sector of a Circle:

Area of a Sector:

3. A circular pizza has a diameter of 12 inches and is cut into 8 congruent slices. What is the area of one slice to the nearest hundredth?
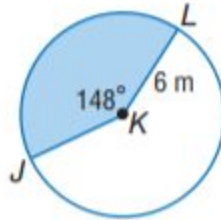
4. Find the area of the shaded sector. Round to the nearest hundredth.

a.

b.

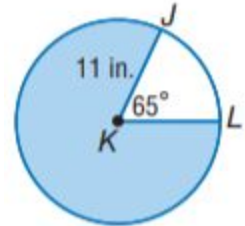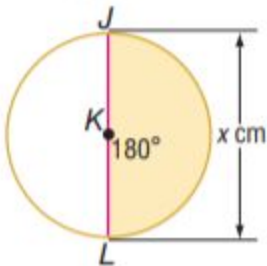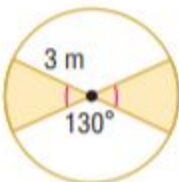c.

K
4 ft
53°
J
L

148°
K
6 m
L
J

11 in.
65°
K
J
L

5. The area of the shaded region is given. Find x.

. $A = 66 \text{ cm}^2$

J
K
180°
x cm
L

6. Find the area of the shaded region. Round the the nearest tenth.

a.

3 m
130°

b.

14 mm