Name _____   Date_____
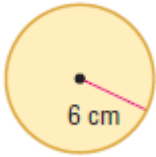HW #8.4   Period _____

Find the area of each circle. State your answer in terms of π and to the nearest tenth.
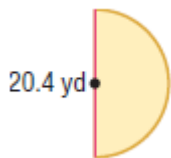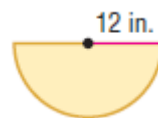
1.

6 cm

2.

11 ft
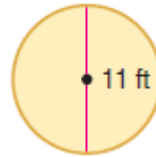
3. A rotating sprinkler that sprays water at a radius of 11 feet is used to water a lawn. Find the area of the lawn that is watered. Leave your answer in terms of π.

Find the area of each semi-circle. Round to the nearest hundredth.
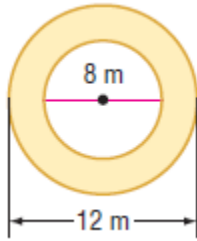
4.

20.4 yd

5.

12 in.

Find the area of the shaded region in each figure. Round to the nearest hundredth.

6.

8 m

12 m

7.

3.5 cm

12.5 cm