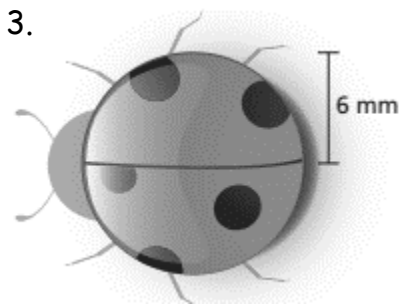Name _____   Date _____

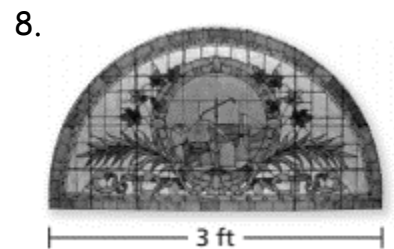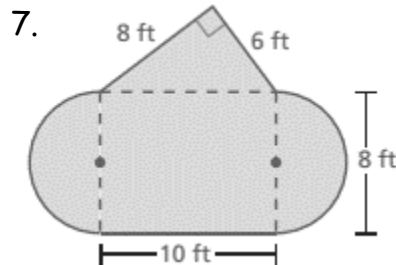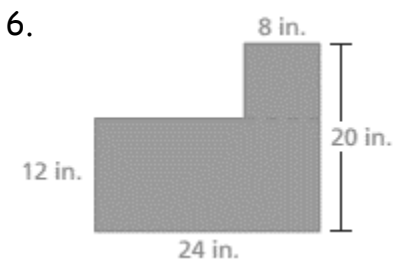8.1-8.3 Extra Practice   Period _____

1. The diameter of a circle is 36 centimeters. Find the radius.

2. The radius of a circle is 11 inches. Find the diameter.

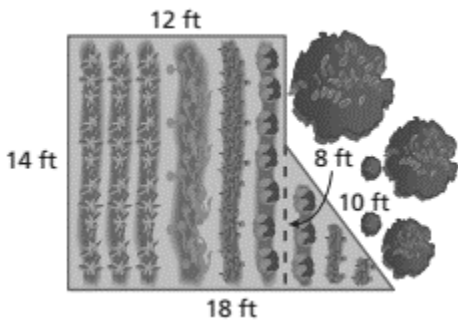Find the circumference of the circle. Round to the nearest hundredth.

3.

6 mm

4.

1.5 ft

5.

7 cm

Find the perimeter of the figure. Round to the nearest hundredth, if necessary.

6.

8 in.

20 in.

12 in.

24 in.

7.

8 ft   6 ft

8 ft

10 ft

8.

3 ft

9. What is the diameter of a circular button with a circumference of 25 millimeters? Round to the nearest hundredth.

10. You want to fence part of a yard to make a vegetable garden. How many feet of fencing do you need to surround the garden?

11. A baker is using two circular pans. The larger pan has a diameter of 12 inches. The smaller pan has a diameter of 7 inches. How much greater is the circumference of the larger pan than that of the smaller pan? Round to the nearest hundredth.