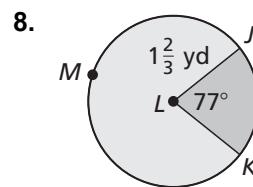
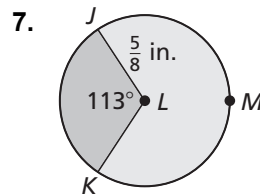
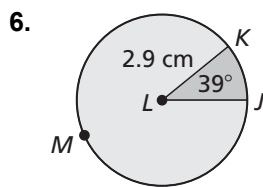
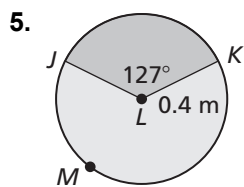


11.2 Practice B

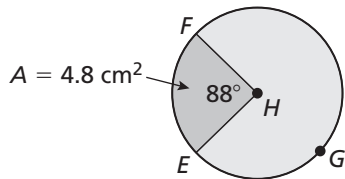
In Exercises 1–4, find the indicated measure.

1. area of a circle with a radius of 6.75 inches
2. area of a circle with a diameter of $\frac{3}{10}$ mile
3. radius of a circle with an area of 63.7 square kilometers
4. diameter of a circle with an area of 1040.62 square yards

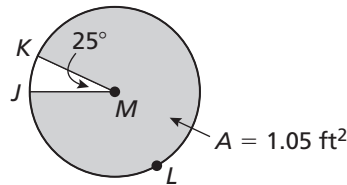
In Exercises 5–8, find the areas of the sectors formed by $\angle JLK$.



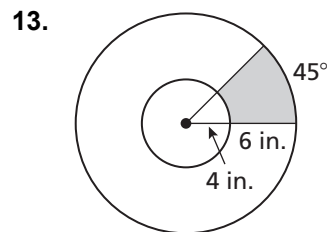
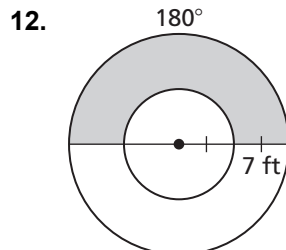
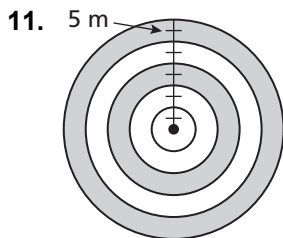
9. Find the radius of $\odot H$.



10. Find the radius of $\odot M$.



In Exercises 11–13, find the area of the shaded region.



14. A tire is hung from a tree. The outside diameter is 34 inches and the inside diameter is 14 inches. You throw a baseball toward the opening of the tire. Your baseball is equally likely to hit any point on the tire or in the opening of the tire. What is the probability that you will throw the baseball through the opening in the tire?