

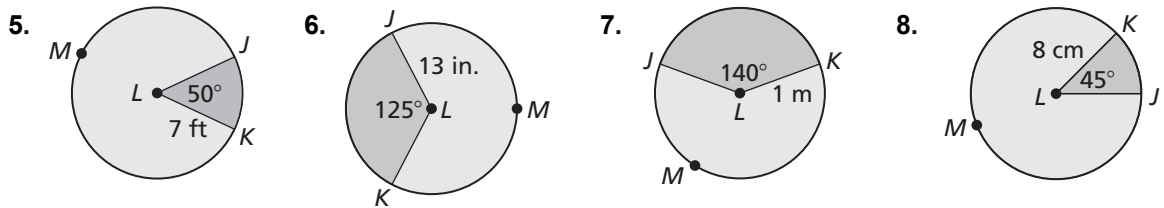
# 11.2

## Practice A

In Exercises 1–4, find the indicated measure.

1. area of a circle with a radius of 6.8 feet
2. area of a circle with a diameter of 19.2 centimeters
3. radius of a circle with an area of 1017.9 square meters
4. diameter of a circle with an area of 707 square inches

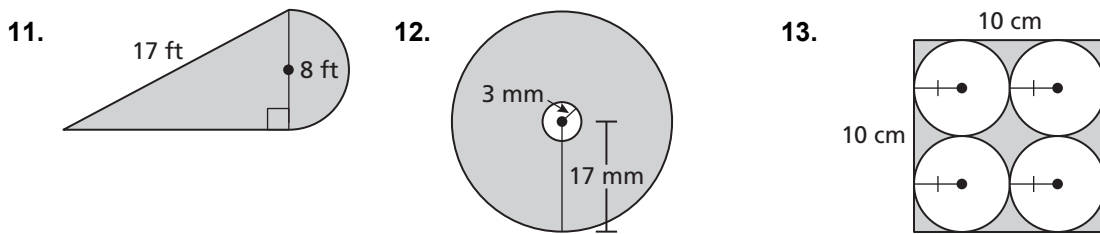
In Exercises 5–8, find the areas of the sectors formed by  $\angle JLK$ .



9. Find the area of  $\odot H$ .
10. Find the area of  $\odot M$ .



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



14. The diagram shows the coverage of a security camera outside a building. A new security camera is installed in the same position that doubles the radius of the coverage area. How does this affect the coverage area? Explain.

