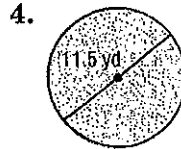
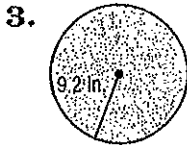
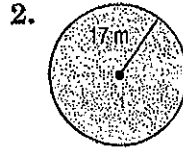
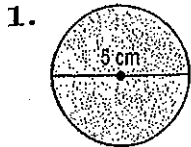


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11-8 Practice

Area of Circles

Find the area of each circle. Round to the nearest tenth.



5. diameter = 9 kilometers

6. radius = 21 inches

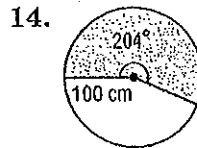
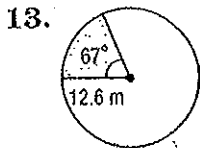
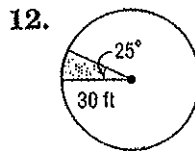
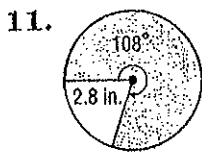
7. diameter = 19.8 yards

8. radius = 7.3 feet

9. radius = 0.5 centimeter

10. diameter = 6.4 meter

Find the area of each shaded sector. Round to the nearest tenth.



15. radius = 0.75 mile; central angle: 86°

16. radius = 33.3 kilometers; central angle: 349°

17. **CONTAINERS** The top of a soda can has a diameter of 6 cm. What is the area of the top of the can to the nearest tenth of a centimeter?

18. **COOKIES** What is the difference in area between a cookie cut from a cutter that has a diameter of 4 inches and a cookie cut from a cutter with a radius of 3 inches?

19. **PIZZA** Pizza Palace's largest pizza box has side lengths of 18 inches. A customer wants to special order a pizza with an area of 300 square inches. Will the pizza fit in one of Pizza Palace's pizza boxes? Explain.